



HINDMEDICO PRODUCT PVT. LTD.

AN ISO 9001 : 2015 CERTIFIED COMPANY



INDUSTRIAL
GAS WELDING
SAFETY & MEDICAL
EQUIPMENTS
SOLUTIONS

About Us

Welcome to **HINDMEDICO PRODUCT PVT. LTD.** a leader in providing advanced technology solutions for Gas Welding and Cutting equipment, Personal Protective Equipments (Safety) and various Medical devices. Founded in 1992, our company, previously known as M/s HIND MEDICO PRODUCT, has consistently delivered high-quality and reliable products under the esteemed HMP brand.

Our dedication to excellence is reflected in our commitment to Welding, Safety & Medical. We are a professionally managed organization that prioritizes the quality and longevity of our products. Our experienced R&D team continuously works on developing and optimizing our product range to meet and exceed industry standards.

At **HINDMEDICO PRODUCT PVT. LTD.** we believe in building lasting relationships with our customers. Our reputation is built on trust, and we strive to maintain the confidence our clients place in us. We are dedicated to providing ongoing support and services to ensure the optimal performance of our products.

Thank you for choosing **HINDMEDICO PRODUCT PVT. LTD.** We look forward to serving you and contributing to your success with our innovative and dependable solutions.

for **HINDMEDICO PRODUCT PVT. LTD.**

from Director Desk.



INDUSTRIAL GAS WELDING EQUIPMENTS

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GAS PRESSURE REGULATORS



Double Stage Double Gauge Oxygen Gas Pressure Regulator

MODEL : 49-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	40 - 50

Double Stage Double Gauge Durable Oxygen Gas Pressure Regulator

MODEL : HOX-230

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HOX-230	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Oxygen Gas Pressure Regulator



MODEL : 100-D-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE (bar)	INLET PRESSURE GAUGE (bar/psi)	MAX OUTLET PRESSURE (bar)	OUTLET PRESSURE GAUGE (bar/psi)	CONNECTION	MAX FLOW (m ³ /h)
100-D-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30 - 35

Single Stage Single Gauge Oxygen Gas Pressure Regulator

MODEL : 100-S-OX

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Single safety pressure gauge
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE (bar)	INLET PRESSURE GAUGE (bar/psi)	MAX OUTLET PRESSURE (bar)	CONNECTION	MAX FLOW (m ³ /h)
100-S-OX	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8 (Preset)	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 25

GAS PRESSURE REGULATORS

Single Stage Double Gauge Heavy Duty Oxygen Gas Pressure Regulator



MODEL : HOX-12

- ▶ Brass forging body
- ▶ Brass forging bonnet with chrome plating
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Heavy duty Cutting & Manifold
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HOX - 12	OXYGEN	250	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	60 - 70

Double Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 49-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Continuous steady pressure & flow
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49 - AC	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0.5 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	15 - 16

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Acetylene Gas Pressure Regulator



MODEL : HAC-20

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Continuous steady pressure & flow
- ▶ Use for Welding , Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901/ ISO 2503 & CE certified



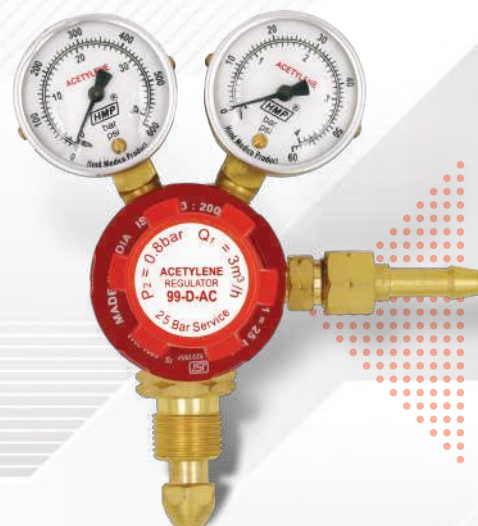
Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
HAC - 20	ACETYLENE	25	0 - 40 bar 0 - 600 psi	0 - 2.0	0 - 4 bar 0 - 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	15 - 20

Single Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 99-D-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
99 - D - AC	ACETYLENE	25	0 - 40 bar 0 - 600 psi	0 - 1.0	0 - 4 bar 0 - 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	10 - 15

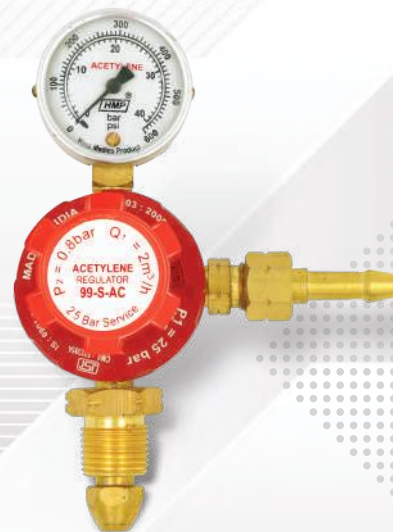
GAS PRESSURE REGULATORS



Single Stage Single Gauge Acetylene Gas Pressure Regulator

MODEL : 99-S-AC

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauge
- ▶ Use for Welding , Cutting, Heating & Brazing
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)		(m ³ /h)
99 - S - AC	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 0.8 (Preset)	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	3 - 5

Double Stage Double Gauge Carbon dioxide Gas Pressure Regulator

MODEL : 49-CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	8 - 10

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Carbon dioxide Gas Pressure Regulator



MODEL : DURABLE CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Silicon rubber diaphragm in 2nd stage
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	10 - 15

Single Stage Double Gauge Carbon dioxide Gas Pressure Regulator

MODEL : 100-D-CO₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-CO ₂	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 (RH)F Outlet 3/8" BSP (RH)M	5 - 10

GAS PRESSURE REGULATORS



Double Stage Double Gauge Argon Gas Pressure Regulator

MODEL : 49-AR

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-AR	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30 - 40

Double Stage Double Gauge Durable Argon Gas Pressure Regulator

MODEL : DURABLE ARGON

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE ARGON	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS



Single Stage Double Gauge Argon Gas Pressure Regulator

MODEL : 100-D-AR

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



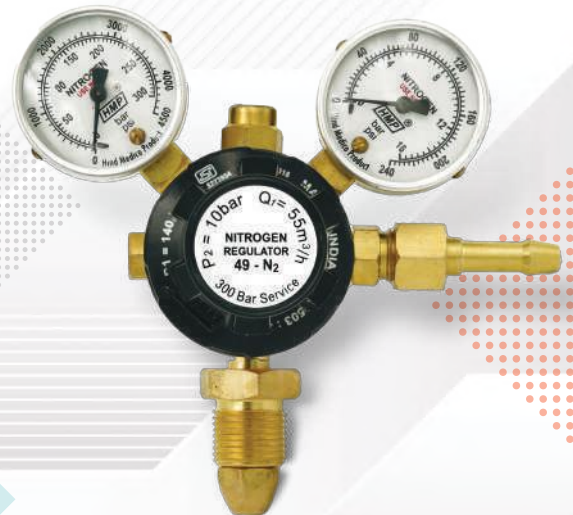
Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-AR	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 30

Double Stage Double Gauge Nitrogen Gas Pressure Regulator

MODEL : 49-N₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-N ₂	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30 - 40

GAS PRESSURE REGULATORS

Double Stage Double Gauge Durable Nitrogen Gas Pressure Regulator



MODEL : DURABLE NITROGEN

- ▶ Brass forging body
 - ▶ Mazak pressure die-casting bonnet
 - ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
 - ▶ Sintered metal inlet filter
 - ▶ Dual safety pressure gauges
 - ▶ In-built safety valve
 - ▶ Continuous steady pressure & flow
 - ▶ Use for Medical, Laboratory & Line purging
- ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE NITROGEN	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	50 - 60

Single Stage Double Gauge Nitrogen Gas Pressure Regulator

MODEL : 100-D-N₂

- ▶ Brass forging body
 - ▶ Mazak pressure die-casting bonnet
 - ▶ Neoprene rubber diaphragm
 - ▶ Sintered metal inlet filter
 - ▶ Dual safety pressure gauges
 - ▶ In-built safety valve
 - ▶ Use for Medical, Laboratory & Line purging
- ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-N ₂	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	20 - 30

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS



Double Stage Double Gauge Hydrogen Gas Pressure Regulator

MODEL : 49-H2

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-H2	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	40 - 50

Double Stage Double Gauge Durable Hydrogen Gas Pressure Regulator

MODEL : DURABLE HYDROGEN

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE HYDROGEN	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	50 - 60

GAS PRESSURE REGULATORS



Single Stage Double Gauge Hydrogen Gas Pressure Regulator

MODEL : 100-D-H₂

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-H ₂	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	20 - 30

Double Stage Double Gauge Helium Gas Pressure Regulator

MODEL : 49-He

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
49-He	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 10	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	30 - 40

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS



Double Stage Double Gauge Durable Helium Gas Pressure Regulator

MODEL : DURABLE HELIUM

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ SS diaphragm in 1st stage & Neoprene rubber diaphragm in 2nd. stage
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
DURABLE HELIUM	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 12	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	40 - 50

Single Stage Double Gauge Helium Gas Pressure Regulator

MODEL : 100-D-He

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Sintered metal inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
100-D-He	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	20 - 30

GAS PRESSURE REGULATORS



Single Stage without Gauge LPG Pressure Regulator

MODEL : 29-L

- ▶ Brass forging body
- ▶ Brass forging bonnet with Chrome plated
- ▶ Neoprene rubber diaphragm
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	MAX. OUTLET PRESSURE	CONNECTION	MAX. FLOW
		(bar)	(bar)		(m ³ /h)
29-L	LPG	25	0 - 1 (Preset)	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (LH)M	1.0 - 1.5

Single Stage Single Gauge LPG Pressure Regulator

MODEL : 29-LW

- ▶ Brass forging body
- ▶ Brass forging bonnet with Chrome plated
- ▶ Neoprene rubber diaphragm
- ▶ Single safety pressure gauge
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	MAX. OUTLET PRESSURE	MAX OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)	(m ³ /h)
29-LW	LPG	25	0 - 1	0 - 4 bar 0 - 60 psi	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (LH)M	1.5 - 2.0

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge LPG Pressure Regulator



MODEL : 120-D-LPG

- ▶ Brass forging body
- ▶ Mazak pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
120-D-LPG	LPG	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 1 NT-31 21.8 x 1.814 BSP (LH)F Outlet 3/8" BSP (LH)M	2.0 - 2.5

Single Stage Double Gauge LPG Pressure Regulator with in-built Adopter

MODEL : 120-D-LPG FUSION

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
120-D-LPG FUSION	LPG	25	0 – 40 bar 0 – 600 psi	0 - 2.0	0 – 4 bar 0 – 60 psi	Inlet To fit directly industrial LPG cylinder valve Outlet 3/8" BSP (LH)M	3.0

GAS PRESSURE REGULATORS

Single Stage Double Gauge Oxygen Gas Pressure Regulator



MODEL : 50-D-OX PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-OX PROUD	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 50-D-DA PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-DA PROUD	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	10

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Carbon dioxide Gas Pressure Regulator



MODEL : 50-D-CO₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Silicon rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig welding
- ▶ ISI Mark: IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-CO ₂ PROUD	CARBON DIOXIDE	200	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet W 21.8 - 14 BSP (RH)F Outlet 3/8" BSP (RH)M	10

Single Stage Double Gauge Argon Gas Pressure Regulator

MODEL : 50-D-AR PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Mig & Tig welding
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-AR PROUD	ARGON	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	25

GAS PRESSURE REGULATORS



Single Stage Double Gauge Nitrogen Gas Pressure Regulator

MODEL : 50-D-N₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Medical, Laboratory & Line purging
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-N ₂ PROUD	NITROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge Hydrogen Gas Pressure Regulator

MODEL : 50-D-H₂ PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-H ₂ PROUD	HYDROGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	30

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

GAS PRESSURE REGULATORS

Single Stage Double Gauge Helium Gas Pressure Regulator



MODEL : 50-D-He PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Laboratory & Others
- ▶ ISI Mark: IS 6901/ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-He PROUD	HELIUM	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 3/4" BSP (RH)F Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge LPG Pressure Regulator

MODEL : 50-D-LPG PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Cutting & Heating
- ▶ ISI Mark: IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-LPG PROUD	LPG	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 1 NT-31 21.8 x 1.814 BSP (LH)F Outlet 3/8" BSP (LH)M	1.0 - 1.5

GAS PRESSURE REGULATORS

SPECIALY ENGINEERED REGULATORS FOR ULTRA-HIGH PURITY GASES



Regulator for Specialty Gases (RSG) Double / Single Stage, Double Gauge SS Regulator

MODEL : RSG-43 D/S

- ▶ Body made of Austenitic Stainless Steel- AISI – 316/304 grade
- ▶ Constructed from non-contaminating materials
- ▶ Teflon seal
- ▶ In-built safety device
- ▶ Teflon lined SS diaphragm
- ▶ Different inlet connections are provided as per IS standard to suit the various gas cylinders
- ▶ Use with wide variety of gases – Oxygen & all compressed gases, Acetylene, Carbon dioxide, Carbon monoxide, Ethylene, Nitrous oxide, Sulphur dioxide, rare gases like Neon, Xenon, Krypton etc.



RSG 43 D



RSG 43 S

Technical Specification:

MODEL	INLET PRESSURE	OUTLET PRESSURE	FLOW	STANDARD CONNECTION
RSG – 43 S	0 - 300 bar	0 - 8 bar	30 - 35 m ³ /h	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M
RSG – 43 D I	0 - 300 bar	0 - 10 bar	40 - 55 m ³ /h	
RSG – 43 D II	0 - 300 bar	0 - 15 bar	50 - 60 m ³ /h	

Note : "D" denotes = Double Stage, "S" denotes = Single Stage

GAS CUTTING TORCHES



Manual Cutting Blowpipe (Torch)

MODEL : PARTOGEN-2

- ▶ Brass forging body
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 7653 & CE certified



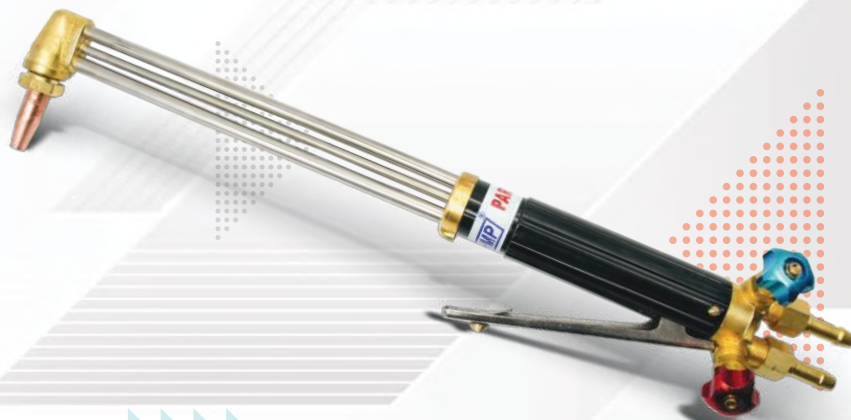
Technical Specification:

MODEL	GAS	TYPE & GAS MIXING	HEAD	CUTTING NOZZLE	MAX. CUTTING THICKNESS	WORKING PRESSURE	TORCH LENGTH
				2 Seat			
PARTOGEN 2	OXYGEN & FUEL	2 pipe, Injector/ Shank Mixing	90°	Type A for DA Type B for LPG	12"/300 mm	2.5 kg/sq.cm to 4.0 kg/sq.cm	450 mm/ 18"

Manual Cutting Blowpipe (Torch)

MODEL : PARTOGEN-3

- ▶ Heavy duty cutting blowpipe
- ▶ Brass forging body
- ▶ Seamless SS pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ Economy of gas saving
- ▶ Use for Cutting & Heating
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TYPE & GAS MIXING	HEAD	CUTTING NOZZLE	MAX. CUTTING THICKNESS	WORKING PRESSURE	TORCH LENGTH
				3 Seat			
PARTOGEN 3	OXYGEN & FUEL	3 pipe, Nozzle Mixing	90°	Type ANME for DA Type PNME for LPG	12"/300 mm	2.5 kg/sq.cm to 5.0 kg/sq.cm	450 mm/ 18"

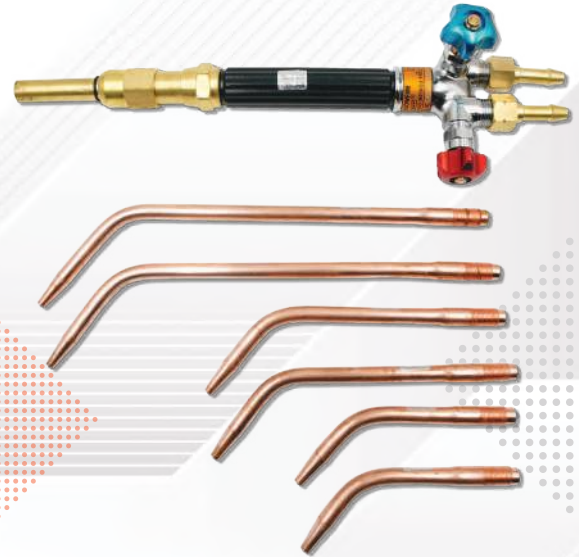
GAS WELDING TORCH

Manual Welding Blowpipe (Torch)



MODEL : BLOWFIRE

- ▶ Heavy duty welding blowpipe
- ▶ Brass forging body
- ▶ Copper tips
- ▶ Resistance to backfire
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	HEAD	NOS. of COPPER TIPS (HIGH to LOW)	MAX WELDING CAPACITY	WORKING PRESSURE	TORCH LENGTH
				(mm)		(mm)
BLOWFIRE	OXYGEN & FUEL	Straight	6	3 to 15 mm	2.5 kg/sq.cm	270

GAS HEATING TORCH

Shower Type Heating Blowpipe (Torch) (Use only LPG as a Fuel gas)

MODEL : SHOWER LPG HEATING TORCH

- ▶ Brass forging body & head
- ▶ Copper Nozzle
- ▶ Seamless SS pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TIP END THREAD	OXYGEN PR. RANGE	FUEL PR. RANGE	WORKING PRESSURE	STD. TORCH LENGTH
				(bar)		
SHOWER LPG	OXYGEN & FUEL (LPG)	3/8" BSP (RH)M 3/8" BSP (LH)F	0.7 - 9.0	0.3 - 2.5	2.5 kg/sq.cm	1 Mt. Long

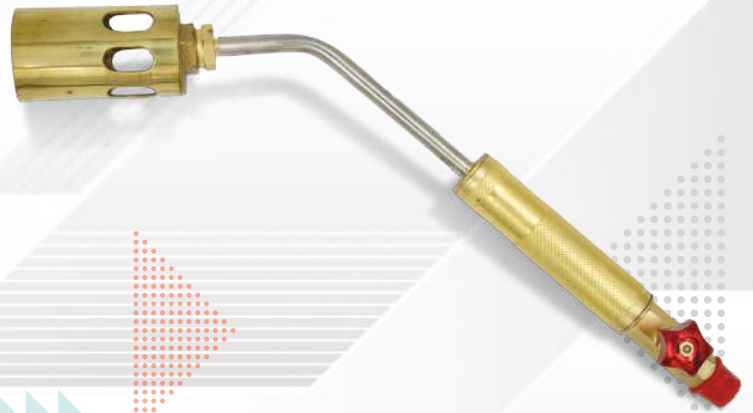
GAS HEATING TORCH

Burner Type Heating Blowpipe (Torch) (Use only LPG gas)



MODEL : BURNER LPG HEATING TORCH

- ▶ Brass forging body & head
- ▶ Brass Nozzle
- ▶ Seamless SS Pipe
- ▶ Resistance to backfire
- ▶ Extended torch length available
- ▶ ISI Mark : IS 7653 & CE certified



Technical Specification:

MODEL	GAS	TIP END THREAD	FUEL PR. RANGE (bar)	WORKING PRESSURE	STD.TORCH LENGHT (inch)
BURNER LPG	FUEL (LPG)	3/8" BSP (LH)F	0.3 - 2.5	2.5 kg/sq.cm	12, 18, 24 & 36

WELDING ACCESSORIES

Safety Instrument

MODEL : FLASHBACK ARRESTOR

- ▶ Brass forged body
- ▶ Dry type flashback arrestor
- ▶ Suitable for fitting on the Regulator, Torch & IMC outlet & Inlet
- ▶ Device prevents the flow to return from the downstream side
- ▶ Device is to stop or arrest the return of flame
- ▶ As per IS 11006 & CE certified



REGULATOR

TORCH

IMC

Technical Specification:

MODEL	GAS	THREAD	MAX. WORKING PRESSURE OF OXYGEN	MAX. WORKING PRESSURE OF DA/LPG	LENGTH
FLASHBACK ARRESTOR	Oxygen, DA & LPG	Regulator & Torch 3/8" BSP (RH) M X 3/8" BSP (LH)F IMC 3 Cutter.: 1/4" BSP (RH) M X 1/4" BSP (LH)F	15 bar / 220 psi	1.5 bar / 21 psi	83 mm

WELDING ACCESSORIES

Various Types of Nozzles



MODEL : GAS CUTTING NOZZLES

- ▶ Material: Brass & Copper
- ▶ Type A & ANME – Copper
- ▶ Type B & PNME – Brass to Copper
- ▶ ISI mark: IS 7653



A TYPE (2 Seat)



ANME (3 Seat)



B TYPE (2 Seat)



PNME (3 Seat)

Technical Specification:

Nozzle Size (inch)	Nozzle Size (mm)	Consumption of Gas		Cutting Thickness (mm)	GAS Pressure (bar)			
		OXYGEN (O ₂) (m ³ /h)	ACETYLENE (DA) (m ³ /h)		Nozzle Type A/ANME (2 Seat/3 Seat)		Nozzle Type B/PNME (2 Seat/3 Seat)	
					O ₂	DA	O ₂	LPG
1/32	0.8	5.0 to 5.76	0.76	3 - 6	1.5	0.15	1.5	0.15
3/64	1.2	7.6 to 10.0	1.02	6 - 12	2.0	0.15	2.5	0.15
1/16	1.6	10.0 to 12.7	1.52	12 - 75	2.5 - 3.5	0.15 - 0.3	3.0 - 3.5	0.2 - 0.35
5/64	2.0	15.0 to 19.0	2.50	75 - 100	3.0	0.3	3.5	0.4
3/32	2.4	22.0 to 25.5	3.0	100 - 150	3.0	0.3	4.0	0.4
7/64	2.8	30.5 to 35.5	3.5	150 - 200	4.0	0.3	4.5	0.4
1/8	3.2	40.0 to 55.5	4.8	200 - 300	4.5	0.35	5.6	0.5 - 0.6

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

CUTTING MACHINE

Portable Gas Cutting Machine



MODEL : STAG

- ▶ Injector type versatile Gas Cutting Machine
- ▶ Capable to cut circle, bevel & any length straight line
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Torch : IS 7653



Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BEVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
STAG	75 mm MS	90° and 50mm thick MS	75 – 1140 mm Diameter	190 – 830 mm/min	1/4" BSP RH & LH

Portable Gas Cutting Machine

MODEL : STAG NM

- ▶ Versatile Gas Cutting Machine
- ▶ Nozzle mixing gas torch fitted
- ▶ Capable to cut circle, bevel & any length straight line
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Economy of gas saving
- ▶ Torch : IS 7653



Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BEVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
STAG NM	100 mm MS	45° and 75 mm thick MS	75 – 1140 mm Diameter	100 – 1000 mm/min	1/4" BSP RH & LH

CUTTING MACHINE

Portable Gas Cutting Machine



MODEL : HIND

- ▶ Versatile Gas Cutting Machine
- ▶ Capable to cut circle, bevel & any length straight line
- ▶ Smooth speed control with variable resistance control technology
- ▶ Resistance to backfire
- ▶ Economy of gas saving
- ▶ Torch : IS 7653



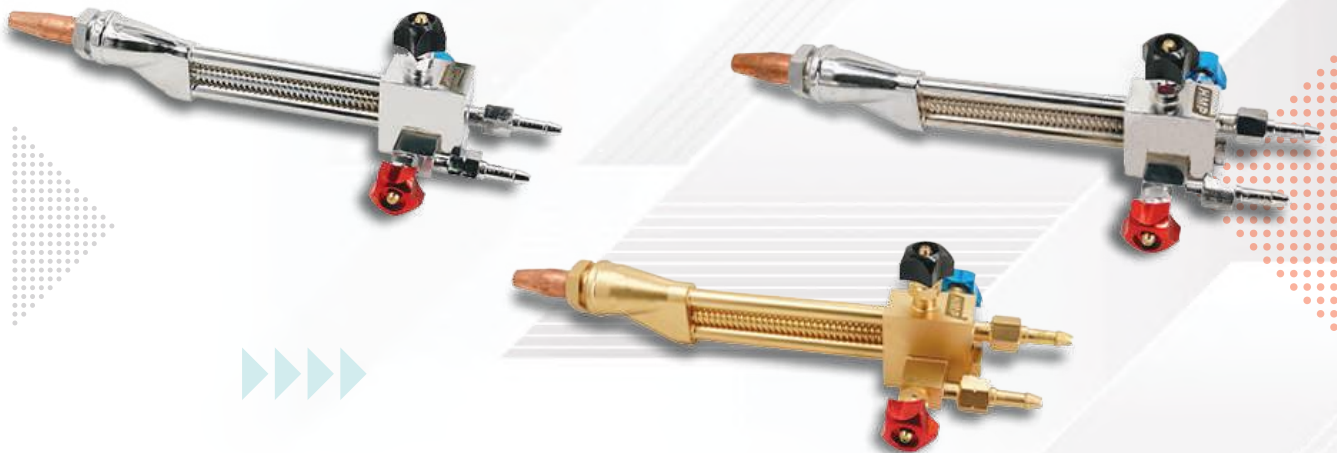
Technical Specification:

MODEL	MAX. THICKNESS CUT	MAX. BEVEL CUT	CIRCLE CUT	CUTTING SPEED	GAS HOSE CONNECTION
HIND	100 mm MS	45° and 75 mm thick MS	75 – 1140 mm Diameter	190 – 830 mm/min	1/4" BSP RH & LH

WELDING ACCESSORIES

Portable Gas Cutting Torch

MODEL : IMC-3 & IMC NM CUTTER



HMP make IMC3 cutting blowpipes are designed to machine operated cutting applications of portable gas cutting machines STAG/ HIND. They can be used with various fuel gases such as Acetylene, LPG / BMCG

Model : Injector Type & Nozzle Mixing Type, Torch Length = 8.25 inch.

WELDING ACCESSORIES

ARC Welding Torches



MODEL : TIG (Tungsten Inert Gas) WELDING TORCH

- ▶ Arc welding with an infusible electrode and inert gas protection
- ▶ The torch cooling process through gas & water
- ▶ TIG welding is suitable for all types Carbon steel, low alloy steels, Alloyed stainless, Nickel alloys, Aluminum and its alloys, Titanium, Magnesium and others nonferrous alloys
- ▶ As per IS 7931 & CE certified



GAS COOLED

WATER COOLED

Technical Specification:

MODEL	GAS	LENGTH OF TORCH WITH CABLE	ELECTRODE	TUNGSTEN STEEL ROD ϕ mm	VOLT
GC 200 , 300 & WC 400, 600	Argon	4 m / 8 m	Tungsten	2.4 to 3.0	220 / 230

ARC Welding Torches

MODEL : TIG TORCH 26 V

- ▶ Air cooled TIG Torch
- ▶ Torch equipped with a valve for gas flow control
- ▶ Gas valve and flexible head with comfortable knurled handle
- ▶ Non slip sure grip and precise control
- ▶ CE certified



Technical Specification:

MODEL	RATED AMP	DUTY CYCLE	CABLE LENGTH	NO. OF CABLES	GAS HOSE CONNECTION
TIG TORCH 26V	200	60%	12.5 ft (3.8 m)/ 25 ft (7.6 m)	1 or 2	0.5 to 4.0

WELDING ACCESSORIES



ARC Welding Torches

MODEL : TIG (Tungsten Inert Gas) WELDING TORCH IN-BUILT SWITCH

- ▶ Arc welding with an infusible electrode and inert gas protection
- ▶ The torch cooling process through gas & water
- ▶ TIG welding is suitable for all types Carbon steel, low alloy steels, Alloyed stainless, Nickel alloys, Aluminum and its alloys, Titanium, Magnesium and others nonferrous alloys
- ▶ As per IS 7931 & CE certified



Technical Specification:

MODEL	GAS	LENGHT OF TORCH WITH CABLE	ELECTRODE	TUNGSTEN STEEL ROD ϕ mm	VOLT
GC 200 , 300 & WC 400, 600	Argon	4 m / 8 m	Tungsten	2.4 to 3.0	220 / 230

MIG Welding Torches

MODEL : MIG (Metal Inert Gas)/MAG WELDING TORCH

- ▶ The gas has a definite chemical process activity at high temperature of the electric arc is MIG process
- ▶ The torch cooling process through gas
- ▶ Torch use as continuous welding process without changing electrode frequently
- ▶ Pre- heater to be fitted for CO₂ gas
- ▶ Use for weld various heavy-duty metals and alloys, including copper, aluminum, nickel, and iron.
- ▶ As per IS 7931 & CE certified



Technical Specification:

MODEL	TYPE	LENGHT OF TORCH	TORCH ADAPTER	CURRENT RATING	FIRE WIRE ϕ mm	GAS FLOW (1/min)
HMP 250 G & 450 G	Ar /CO ₂ Gas cooled	3 m / 4 m	EURO CONNECTOR	60 % duty cycle	0.8, 1.2 & 1.6	11 to 12

WELDING ACCESSORIES



36 KD-HD MIG WELDING TORCH

MODEL : PRIME 36 KD-HD 250 Amps

MODEL : PRIME 36 KD-HD 400 Amps

- ▶ Gas cooled
- ▶ Compact & sturdy
- ▶ Wire diameter: 0.8, 1.2 & 1.6 mm
- ▶ Wire length: Standard 3 M
- ▶ Euro connection
- ▶ Duty cycle @ 60 %
- ▶ Cost-effective & safe solution
- ▶ CE certified



Welding Torches

MODEL : GOUGING TORCH

- ▶ Special grade Copper/Copper alloy for high conductivity of current
- ▶ Heat resistant insulators
- ▶ Triple air nozzles swivel head
- ▶ Use to Gauge, removal of excess weld metal, removal of internal or surface defects, & bevel edges for welding of various metal.



Technical Specification:

MODEL	Std. length of cable	Electrode	Weight of torch	Ampere	Air pressure
HMP - 9	2 mt.	9 & 12 mm	2.6 kg (approx.)	900	5.6 to 7.0 kg/cm ²
HMP - 15		12 & 15 mm		1500	

GAS PRESSURE REGULATORS

Single Stage Double Gauge Oxygen Gas Pressure Regulator



MODEL : 50-D-OX PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ In-built safety valve
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901/ ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-OX PROUD	OXYGEN	300	0 – 300 bar 0 – 4500 psi	0 - 8	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M Outlet 3/8" BSP (RH)M	30

Single Stage Double Gauge Acetylene Gas Pressure Regulator

MODEL : 50-D-DA PROUD

- ▶ Brass forging body
- ▶ Aluminum pressure die-casting bonnet
- ▶ Neoprene rubber diaphragm
- ▶ SS net inlet filter
- ▶ Dual safety pressure gauges
- ▶ Use for Welding, Cutting, Heating & Brazing
- ▶ ISI Mark: IS 6901 / ISO 2503 & CE certified



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	MAX. OUTLET PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	MAX. FLOW
		(bar)	(bar/psi)	(bar)	(bar/psi)		(m ³ /h)
50-D-DA PROUD	ACETYLENE	25	0 – 40 bar 0 – 600 psi	0 - 1.5	0 – 4 bar 0 – 60 psi	Inlet 5/8" BSP (LH)M Outlet 3/8" BSP (LH)M	10

Unit conversion: 1 bar = 14.5 psi = 1.02 kg/cm²
1 m³/h = 16.67 LPM

WELDING ACCESSORIES

Dual Output Argon / CO₂ Gas Pressure Regulator with Flow Meter for MIG & TIG Welding



MODEL : 26-D-RF (Single Stage Ar/CO₂ Regulator with Dual Flowmeter)

- ▶ Regulator: Brass forging body ▶ Conforming to IS 6901 Regulator
- ▶ Dual Ar/CO₂ Flowmeter: Precision machined forged brass body
- ▶ Use: Two nos. MIG / TIG Welding can be done simultaneously.



Technical Specification:

GAS	MAX INLET PRESSURE	INLET PRESSURE GAUGE	PREFERRED WORKING PRESSURE	OUTLET PRESSURE GAUGE	CONNECTION	FLOW RANGE
	(bar)	(bar/psi)	(bar)	(bar/psi)		LPM
Ar / CO ₂	300 (Ar) 200 (CO ₂)	0 – 300 bar 0 – 4500 psi	0 - 2.0	0 – 16 bar 0 – 240 psi	Inlet 5/8" BSP (RH)M(Ar) W 21.8-14 (RH)F(CO ₂) Outlet 3/8" BSP (RH)M	5 - 40

Welding Accessories

MODEL : FLOW METER (Ar/CO₂)

- ▶ Precision machined forged brass body & poly carbonate tube
- ▶ Used in control of gasflow in regulator outlet



Technical Specification:

MODEL	DIMENSION	RANGE	CONNECTION	AIR PRESSURE
FLOW METER AR / CO ₂	Depth – 30 mm Width – 100 mm Height – 150 mm	5 – 40 lpm	Inlet - 3/8" BSP (F) Outlet - 3/8" BSP (M)	2 bar

WELDING ACCESSORIES



Pre Heater

MODEL : CO₂ PRE HEATER-WITH CORE

- ▶ Pre-heater is designed to heat CO₂ gas prior to pressure regulation in welding allowing constant flow without risk of freezing up pressure
- ▶ Thermostat resistant control
- ▶ Sturdy, compact & light weight design



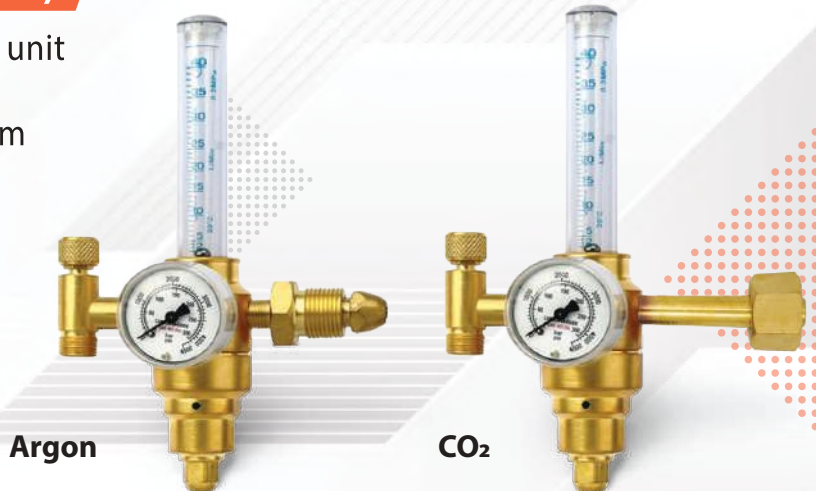
Technical Specification:

MODEL	DIMENSION	CUT OFF TEMP	VOLT, AMP & WATT
CO ₂ PRE HEATER-WITH CORE	Depth – 63 mm Width – 62 mm Height – 62 mm	60°C	220V - 0.68AMP 110V - 1.36AMP WATT - 150

Regulator Flowmeter

MODEL : 26 RF (Argon / CO₂)

- ▶ Regulator flowmeter combine in one unit
- ▶ Forged brass body
- ▶ Fabric reinforced neoprene diaphragm
- ▶ Sintered inlet filter
- ▶ Internal self-relief valve
- ▶ MIG / TIG welding application



Technical Specification:

MODEL	GAS	INLET PRESSURE GAUGE	CONNECTION	MAX FLOW
		(bar/psi)		(LPM)
26 RF	Ar / CO ₂	0 – 300 bar 0 – 4500 psi	Inlet 5/8" BSP (RH)M(Ar) W 21.8-14 (RH)F(CO ₂) Outlet 3/8" BSP (RH)M	5 – 40

Note : Flowmeter conversion - 1 SCFH = 0.472 LPM = 28.32 LPH

ARC WELDING ACCESSORIES



Electrode Holder

MODEL : FULLY & SEMI INSULATED

- ▶ An electrode holder also called a welding electrode holder mechanically holds and conducts current to an electrode during welding or cutting.
- ▶ Handle: Nylon glass field
- ▶ Heat & Fire resistance
- ▶ Jaw: Gun Metal
- ▶ ISI Mark: IS 2641



Technical Specification:

TYPE	RATED CURRENT	INSULATION	OPEN MOUTH	SIZE OF ELECTRODE
TYPE - A	400 and 600 amp	Fully insulated	Jaw type	1.5to 5 mm
TYPE - B		Semi insulated		

Heavy Duty Earthing Clamp

MODEL : EARTH CLAMP 400 & 600 Amp

- ▶ An earth clamp connects the lead out cable from the energiser to an earth rod.
- ▶ Insulated body with powder coated
- ▶ The earth clamp guarantees a secure connection between the energiser and earthing system for optimum electrical conductivity.
- ▶ Braided double copper shunt
- ▶ As per IS 2641



Technical Specification:

MODEL	TYPE	CAPACITY	INSULATION	WELDING CABLE CROSS SECTION
EARTH CLAMP 400 & 600 Amp	CROCODILE	EARTH CLAMP 600 Amp	WITHOUT INSULATED	95 to 120 sq.mm
		EARTH CLAMP 400 Amp	INSULATED	
		EARTH CLAMP 600 Amp	INSULATED	

WELDING ACCESSORIES

Rubber Hose for Welding & Cutting



MODEL : RUBBER HOSE PIPE

- ▶ Rubber inner lining and cover of the hose uniform in thickness and free from air blisters, porosity, splits & smooth in bore
- ▶ Blue colour for Oxygen & Red colour for Fuel (DA/LPG)
- ▶ Reinforcement high tensile synthetic yarn
- ▶ ISI Mark: IS 447



Technical Specification:

Bore Size	Working pressure	Hydrostatic test pressure	Burst pressure (Min)	Increase in outside dia. at working pressure% (Max)	Change in length at proof pressure % (Max)	Tensile strength MPa (Min)	Elongation
8 & 10 mm	1.25 MPa (12.5 bar)	2.5 MPa (25 bar)	5.0 MPa (50 bar)	+15, -5	± 12	Lining – 5.0 Cover – 7.0	Lining – 200 % Cover – 300 %

Industrial Gas Pressure Gauges

MODEL : PRESSURE GAUGES

- ▶ Materials: Aluminium die casting / MS case SS & Brass bourdon tube
- ▶ Scaling in bar & psi unit
- ▶ Safety devices or venting are incorporate in the case
- ▶ Dimension: Normal dial size 50 mm
- ▶ Accuracy: ± 2% FSD (Full- scale deflection)



Technical Specification:

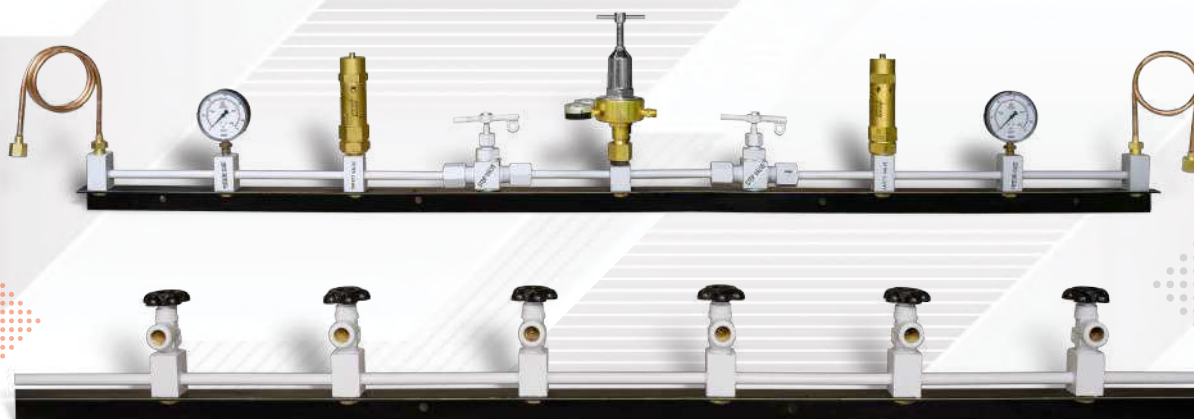
GAS	Inlet dial scale range (max)	Outlet dial scale range (max)	Connection thread
Oxygen & other compressed gases	0 – 300 bar & 0 – 4500 psi	0 – 16 bar & 0 – 240 psi	1/4" NPT (M) bottom entry
Acetylene & LPG / Propane	0 – 40 bar & 0 – 600 psi	0 – 4 bar & 0 – 60 psi	1/4" NPT (M) bottom entry

WELDING ACCESSORIES

Industrial Manifold



MODEL : MANIFOLD



Industrial , Medical Gas & Safety Equipment manifold system is a gas distribution system that connects gas lines and junctions into a single channel. Manifolds are used in gas processing and distribution systems, where flow can be divergent or convergent at different junctions. They are simple-to-use systems that can control flow for different pressurized applications. Manifolds have a hollow structure of copper pipe with stop valves, tail pipe, heavy duty gas pressure regulator, safety valves & pressure gauges

Gas Regulator

MODEL : LPG ADAPTOR

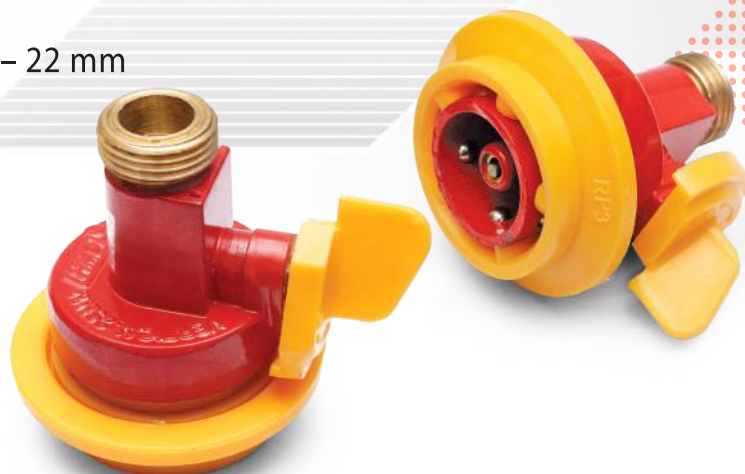
The adaptor is connected between gas pressure regulator and gas cylinder. The primary function of an LPG gas cylinder pressure down to required pressure. Adapter is high performance and durable in nature.

Body : Brass

Vertically mounted ball valve system

Adaptor dia to fit LPG cylinder – 24 mm

Adaptor dia to fit Relience gas cylinder – 22 mm



WELDING ACCESSORIES

Welding Machine



MODEL : ARC 400 IJ 3 Phase IGBT Module

Welding machines are an important part of the metal-processing industry, as they allow metal to be constructed into a specific structure. They are also used in construction-related jobs that require metalwork. The two most common types of welding machines are **MIG** welding machines and wire feeders, other types include **TIG** welding machines.

To prevent degradation due to the breakdown of gases in the atmosphere, a shielding gas like argon, helium, or carbon dioxide is used. The electrode coated with "flux", a material that releases shielding gas while it melts.



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	RATE INPUT CURRENT (A)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	18	68	30 - 400	17	0.93	26	21.5 x 11 x 21.5	2.0 - 40.0	2.0 - 6.0

MODEL : TIG / ARC 400 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	RATE INPUT CURRENT (A)	ARC IGNATION	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	13/18	68	7 - 400	13.1 / 18.2	HF	0.93	30	21.5 x 11 x 21.5	0.5 - 12.0/ 2.0 - 40.0	2.0 - 6.0

WELDING ACCESSORIES

Welding Machine



MODEL : MIG / ARC 630 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	OUTPUT VOLTAGE ADJUSTMENT (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	MIG WIRE DIAMETER (MM)
AC415v±15%	35	44	80 - 630	3 - 24	0.93	50	25.5 x 12 x 25	0.8 - 1.6

MODEL : ARC 630 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	NO-LOAD VOLTAGE (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	NET WEIGHT (KG)	DIMENSION (INCH)	PLATE THICKNESS (MM)	ELECTRODE SIZE (MM)
AC415v±15%	36	85	50 - 630	53.1	0.93	44	25.5 x 12 x 25	2.0 - 60.0	2.0 - 6.3

MODEL : MIG / ARC 400 IJ 3 Phase IGBT Module



Technical Specification:

INPUT VOLTAGE (V)	INPUT POWER CAPACITY (KVA)	OUTPUT VOLTAGE ADJUSTMENT (V)	OUTPUT CURRENT RANGE (A)	WIRE FEEDER SPEED (MTR/MIN)	POWER FACTOR	DUTY CYCLE %	INSULATION GRADE	NET WEIGHT (KG)	DIMENSION (INCH)	ELECTRODE SIZE (MM)
AC415v±15%	14	31.5	50 - 400	3 - 24	0.93	60	F	36	21.5 x 11 x 21.5	0.8 - 1.2

ELECTRODE DRYING OVEN



Thermocut Carry Oven

MODEL : TH-2 & TH-2 DC

- ▶ Thermocut carry ovens are round type & Square type
- ▶ Ovens are highly durable & energy efficient
- ▶ Light weight & easy to carry
- ▶ Ovens are fabricated using superior quality raw material and meet standard quality norms
- ▶ Electrodes are protected during transfer from the holding oven to the workplace



TH - 2



TH – 2 DC (Square)

Technical Specification:

MODEL	CAPACITY	INNER SPACE	ELECTRODE SIZE	TEMPERATURE RANGE	RATING	INPUT VOLT	CURRENT
TH - 2 (Round)	5 kg	Dia - 65 mm Depth - 435 mm (approx.)	18 inches	50°C to 300°C	500 watts	220/230-volt AC	2.0 amp
TH – 2 DC (Square)	5 kg	63 x 63 x 435 mm ³ (approx.)	18 inches	0°C to 150°C	170 watts	80 V DC	2.0 amp
TH - 2 (Square)	7 kg	Dia – 75 mm Depth – 455mm (approx.)	18 inches	50°C to 300°C	500 watts	220/230-volt AC	2.0 amp

ELECTRODE DRYING OVEN

Electrode Drying Oven/Flux Oven



MODEL : TH-1 D, TH-50 D & TH-1 MINI

- ▶ Electrode drying ovens are used for drying electrodes and ensure longer life of the electrode
- ▶ Digital display / non digital temperature controller, with relay system
- ▶ Especially suitable for re-drying the electrode having excess moisture than the constant capacity of the flux or electrode



TH 1 D (Digital/Non digital)



TH 1 MINI (Non digital)



TH 50 D (Digital)

Technical Specification:

MODEL	CAPACITY	STORAGE SPACE	ELECTRODE SIZE	TEMPERATURE RANGE	RATING	INPUT VOLT	CURRENT
TH 50 D (Digital)	50 kg	559 x 559 x 483 mm ³ (approx.)	18 inches	0°C to 400°C	2000 watts	220/230-volt AC	9.0 amp
TH 1 D (Digital/Non digital)	25 kg	305 x 305 x 483 mm ³ (approx.)	18 inches	0°C to 300°C	1600 watts	220/230-volt AC	7.0 amp
TH 1 MINI (Non digital)	10 kg	203 x 203 x 483 mm ³ (approx.)	18 inches	50°C to 300°C	1200 watts	220/230-volt AC	5.5 amp



HMP[®]

**Personal
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SAFETY PRODUCTS & ACCESSORIES

INDUSTRIAL SAFETY HELMETS

Helmets with ventilation hole



MODEL : VENTI (Ratchet Type) Six Suspension

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Triangular shape rib at top for better protection of blow particles and shock.
- ▶ Provides total 8 (Eight) Nos. of ventilation hole on two sides of the shell for better air circulation and comfort.
- ▶ Six-point plastic suspension cradle with cushion pad.
- ▶ Comes with Ratchet type adjustment to suit most head sizes (520mm – 600mm).
- ▶ The Head band is made of HDPE with adjustable chinstrap.
- ▶ A Head band covered with soft fabric to prevent irritation and absorb sweat, ensuring maximum comfort.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



MODEL : VENTI (Ratchet Type) Four Suspension

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Triangular shape rib at top for better protection of blow particle sand shock.
- ▶ Provides total 8 (Eight) Nos. of ventilation hole on two sides of the shell for better air circulation and comfort.
- ▶ Four-point plastic suspension cradle with cushion pad.
- ▶ Comes with Ratchet type adjustment to suit most head sizes (520mm – 600mm).
- ▶ The Head band is made of HDPE with adjustable chinstrap.
- ▶ A Head band covered with soft fabric to prevent irritation and absorb sweat, ensuring maximum comfort.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



INDUSTRIAL SAFETY HELMETS

Helmets with ventilation hole



MODEL : VENTI (Nape Type) Six Suspension

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Triangular shape rib at top for better protection of blow particles and shock.
- ▶ Provides 8 (Eight) Nos. of ventilation hole on two sides of the shell for better air circulation and comfort.
- ▶ Six-point plastic suspension.
- ▶ Comes with Nape type adjustment to suit most head sizes (520mm – 600mm).
- ▶ Head band and cradle made of LDPE with adjustable chin strap.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



MODEL : VENTI (Nape Type) Four Suspension

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Triangular shape rib at top for better protection of blow particles and shock.
- ▶ Provides 8 (Eight) Nos. of ventilation hole on two sides of the shell for better air circulation and comfort.
- ▶ Four-point plastic suspension.
- ▶ Comes with Nape type adjustment to suit most head sizes (520mm – 600mm).
- ▶ The Head band and cradle is made of LDPE with adjustable chinstrap.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



INDUSTRIAL SAFETY HELMETS

Helmets without ventilation hole



MODEL : MUDCAT (Nape Type)

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Three corrugated ribs at top for better protection of blow particles.
- ▶ Four-point plastic suspension.
- ▶ Comes with Nape type adjustment to suit most head sizes (520mm – 600mm).
- ▶ The Head band and cradle is made of LDPE with adjustable chinstrap.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option.
- ▶ Light weight.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



MODEL : COBRA (Ratchet Type)

- ▶ Helmet made of virgin quality HDPE & LDPE.
- ▶ Three corrugated ribs at top for better protection of blow particles.
- ▶ Four-point plastic suspension cradle with cushion pad.
- ▶ Comes with Ratchet type adjustment to suit most head sizes (520mm – 600mm).
- ▶ The Head band is made of HDPE with adjustable chinstrap.
- ▶ A Head band covered with soft fabric to prevent irritation and absorb sweat, ensuring maximum comfort.
- ▶ Universal slot provides for Ear Muff & Face Shield fitting on both side of the shell.
- ▶ Multi colour option .
- ▶ Light weight.
- ▶ ISI Mark: IS 2925, EN 397 & CE certified.



FALL PROTECTION EQUIPMENT



Full Body Harnesses & Lanyards

MODEL : SMART-1

Harness:

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loops for ladder climbing.
- ▶ **Special features:** Built-in dual colour webbing for easy orientation.
- ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
- ▶ **Materials:** Fray-proof dope-dyed polyester webbing.
- ▶ **Metal Parts:** D-ring & Metal buckles are high strength alloy steel.
- ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
- ▶ **Adjustability:** Chest and Thighs Straps.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Type:** A & L.
- ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- ▶ **Standard:** IS 3521(Part-1) ISI Mark.

Lanyard:

- ▶ **Description:** Twisted Polyamide Rope Double lanyard with two Scaffold Hooks. Rope Lanyard incorporated with dorsal D-Ring of Full Body Harness (FBH).
- ▶ **Total Length:** 1.8 Mtr.
- ▶ **Material:** Twisted Polyamide Ropes, hooks are Forged high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High Strength polyester thread, computerized zigzag stitching instead of splicing.
- ▶ **Standard:** IS 3521(Part-2) ISI Mark.



MODEL : SMART-2

Harness:

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loops for ladder climbing.
- ▶ **Special features:** Built-in dual colour webbing for easy orientation.
- ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
- ▶ **Materials:** Fray-proof dope-dyed polyester webbing.
- ▶ **Metal Parts:** D-ring & Metal buckles are high strength alloy steel.
- ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
- ▶ **Adjustability:** Chest and Thighs Straps.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Type:** A & L.
- ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- ▶ **Standard:** IS 3521(Part-1) ISI Mark.

Lanyard:

- ▶ **Description:** Energy Absorber with Twisted Fork Polyamide Rope end are attached with two Scaffold Hooks. EA incorporated with dorsal D-Ring of Full Body Harness (FBH).
- ▶ **Total Length:** 1.8 Mtr.
- ▶ **Material:** Twisted Polyamide Ropes, hooks are Forged high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High Strength polyester computerized thread, zigzag stitching instead of splicing.
- ▶ **Standard:** IS 3521(Part-2) ISI Mark.



FALL PROTECTION EQUIPMENT



Full Body Harnesses & Lanyards

MODEL : ROHINI-1

Harness:

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loop for ladder climbing.
- ▶ **Special features:** Dual fluorescent colour scheme of High-strength Webbing to differentiate shoulder & thigh straps.
- ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
- ▶ **Materials:** Fray-proof dope-dyed polyester webbing, metal buckles of high-strength alloy steel.
- ▶ **Metal Parts:** D-ring & Metal buckles are high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
- ▶ **Size adjustment:** chest and thighs straps.
- ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- ▶ **Standard:** IS 3521(Part-1), EN 361, ISI & CE Mark.

Lanyard:

- ▶ **Description:** Double lanyard Twisted Polyamide Ropes two end are attached with two Scaffold Hooks and another end incorporated with dorsal D-Ring of Full Body Harness (FBH).
- ▶ **Total Length:** 1.8 Mtr.
- ▶ **Material:** Twisted Polyamide/polyester Rope.
- ▶ **Hooks:** Forged high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High Strength polyester thread, computerized zigzag stitching instead of splicing.
- ▶ **Standard:** IS 3521(Part-2), EN 354, EN 362, ISI & CE Mark.



MODEL : ROHINI-2

Harness:

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loops for ladder climbing.
- ▶ **Special features:** Dual fluorescent colour scheme of High-strength Webbing to differentiate shoulder & thigh straps.
- ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
- ▶ **Materials:** Fray-proof dope-dyed polyester webbing.
- ▶ **Metal Parts:** D-ring & Metal buckles are high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
- ▶ **Size adjustment:** chest and thighs straps.
- ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
- ▶ **Standard:** IS 3521(Part-1), EN 361, ISI & CE Mark.

Lanyard:

- ▶ **Description:** One end of Energy Absorber (EA) attached with Twisted Fork Polyamide Rope attached with two Scaffold Hooks. Another end of EA incorporated with dorsal D-Ring of Full Body Harness (FBH).
- ▶ **Total Length:** 1.8 Mtr.
- ▶ **Material:** Twisted Polyamide / polyester Rope.
- ▶ **Metal Parts:** D-ring & Metal buckles are high strength alloy steel.
- ▶ **Hooks:** Forged high strength alloy steel.
- ▶ **Breaking strength:** – 23 kN (Minimum).
- ▶ **Stitching:** High Strength polyester thread, computerized zigzag stitching instead of splicing.
- ▶ **Standard:** IS 3521(Part-2), EN 354, EN 362, ISI & CE Mark.



FALL PROTECTION EQUIPMENT



Full Body Harnesses & Lanyards

MODEL : LEO-1

Harness :

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loops for ladder climbing.
 - ▶ **Special features:** Built-in dual colour webbing for easy orientation.
 - ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
 - ▶ **Materials:** Fray-proof dope-dyed polyester webbing.
 - ▶ **Metal Parts:** D-ring & Metal buckles are alloy steel.
 - ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
 - ▶ **Adjustability:** Chest and Thighs Straps.
 - ▶ **Breaking strength:** – 22kN (Minimum).
 - ▶ **Type:** A & L.
 - ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
 - ▶ **Standard:** IS 3521(Part-1) ISI Mark.
- ▶ **Lanyard:**
- ▶ **Description:** Double lanyard Twisted Polypropylene Ropes two end are attached with two Scaffold Hooks and another end incorporated with dorsal D-Ring of Full Body Harness (FBH).
 - ▶ **Material:** Twisted Polypropylene Rope.
 - ▶ **Hooks:** Forged high strength alloy steel.
 - ▶ **Total Length:** 1.8 Mtr.
 - ▶ **Breaking strength:** – 20 kN (Minimum).
 - ▶ **Stitching:** High Strength polyester thread, computerized zigzag stitching instead of splicing.
 - ▶ **Standard:** IS 3521(Part-2) ISI Mark.



MODEL : LEO-2

Harness:

- ▶ **Anchor point:** One dorsal D-ring for fall arrest and two textile chest attachment loops for ladder climbing.
 - ▶ **Special features:** Built-in dual colour webbing for easy orientation.
 - ▶ **Sit Strap:** Ideally positioned sit-strap for extended comfort.
 - ▶ **Materials:** Fray-proof dope-dyed polyester webbing.
 - ▶ **Metal Parts:** D-ring & Metal buckles are alloy steel.
 - ▶ **Stitching:** High-strength polyester twist thread, computerized stitching.
 - ▶ **Adjustability:** Chest and Thighs Straps.
 - ▶ **Breaking strength:** – 22kN (Minimum).
 - ▶ **Type:** A & L.
 - ▶ **Fall Indicator:** In-built Fall Indicator to facilitate easy inspection in case a fall has occurred ever.
 - ▶ **Standard:** IS 3521(Part-1) ISI Mark.
- ▶ **Lanyard:**
- ▶ **Description:** Twisted Polypropylene Rope and Energy Absorbing double lanyard with two Scaffold Hook, EA Incorporated with dorsal D-Ring of Full Body Harness (FBH).
 - ▶ **Material:** Twisted Polypropylene Rope.
 - ▶ **Hooks:** Forged high strength alloy steel.
 - ▶ **Total Length:** 1.8 Mtr.
 - ▶ **Breaking strength:** – 20kN (Minimum).
 - ▶ **Stitching:** High Strength polyester thread, computerized zigzag stitching instead of splicing.
 - ▶ **Standard:** IS 3521(Part-2) ISI Mark.





MEDICAL GAS INSTRUMENT & ACCESSORIES



Anesthetic Machine

An anesthetic machine ensures safe and controlled delivery of oxygen and anesthetics, allowing for pain-free surgical procedures and patient care, it ensures the safe delivery of anesthesia, maintaining patient comfort and stability during surgical procedures. Key functions of an anesthetic machine include supplying oxygen, precisely mixing anesthetic gases and vapors, facilitating patient ventilation, and reducing anesthesia-related risks for both patients and healthcare staff.

MODEL : Lifeline Alfa

Specification: **IS 11378**

Features & Specification:

- ▶ Body: Made of MS & SS
- ▶ Gauges: Cylinder pressure gauges two each O₂ & N₂O
- ▶ Regulator: Pressure reducer preset regulator two each O₂ Nitrous oxide is cut-off system regulator.
- ▶ Rotameter: One each O₂, N₂O & Air(optional) flowmeter with Oxygen ratio controller.
- ▶ Outlet: One oxygen outlet for driving ventilators etc.
- ▶ Auditory alarm: If failure of oxygen supplies the battery-operated device that activates an alarm for about seven seconds.
- ▶ Oxygen gas pressure maintains 4.0 to 4.25 kg/cm²
- ▶ Nitrous oxide gas pressure maintains 3.75 to 4.0 kg/cm²

Accessories:

Magill circuit or Bain circuit & Manual book. 

Optional Accessories:

Ether vaporizer, Selected tech bar, Circle absorber, Ventilators monitors at extra cost.



MODEL : Lifeline Alfa Plus

Specification: **IS 11378**

Features & Specification:

- ▶ Gauges: Cylinder pressure gauges O₂, N₂O & Air Gases enters through the back of each pressure gauges.
- ▶ Regulator: Pressure reducer preset regulator O₂ Nitrous oxide is cut-off system regulator.
- ▶ Rotameter: One each O₂, N₂O & Air(optional) flowmeter with Oxygen ratio controller.
- ▶ Outlet: One oxygen outlet for driving ventilators etc.
- ▶ Auditory alarm: If failure of oxygen supplies the battery-operated device that activates an alarm for about seven seconds.
- ▶ Oxygen gas pressure maintain 4.0 to 4.25 kg/cm²
- ▶ Nitrous oxide gas pressure maintain 3.75 to 4.0 kg/cm²

Accessories & Optional Accessories same as above



HYPOXIC GUARD ROTAMETER

A hypoxic guard rotameter is a compact device designed to maintain a minimum oxygen concentration of 25% in a gas mixture, with the capability to increase the concentration from 25% to 100%. It is precisely engineered using high-quality materials and advanced technology. This rotameter is utilized in anesthesia machines to measure the flow of gases, such as Oxygen and Nitrous oxide. Also known as a flowmeter, it operates as a variable orifice, constant pressure flowmeter.

Features:

- ▶ Sturdy design
- ▶ Excellent performance
- ▶ Long service life



SEMI AUTOMATIC CONTROL PANEL FOR OXYGEN & NITROUS OXIDE

A semi-automatic control panel regulates the supply of oxygen in medical settings. It operates safely at low voltage and features an integrated audio-visual alarm system. Commonly used in hospitals, clinics, and nursing homes.

Specification :

- ▶ Oxygen : Testing Pressure: 0 – 145 kg/cm²
Main Outlet Pressure/ Line Pressure: 4.25 kg/cm²
- ▶ Nitrous oxide : Testing Pressure: 0 – 60 kg/cm²
Main Outlet Pressure/ Line Pressure: 4.0 kg/cm²
- ▶ Audio Visual Alarm: **Green** indicator light will light up for Full gas Cylinder and for Empty gas cylinder **Red** indicator Light will light up and Audio Visual Alarm will sound until the cylinder is full.
- ▶ CE Certified



MEDICAL GAS MANIFOLD

A medical gas manifold is a specialized system used in healthcare settings to manage and distribute medical gases. It consolidates multiple gas lines and connections into a single pathway, directing gases to various areas like operating rooms, intensive care units, and patient rooms.

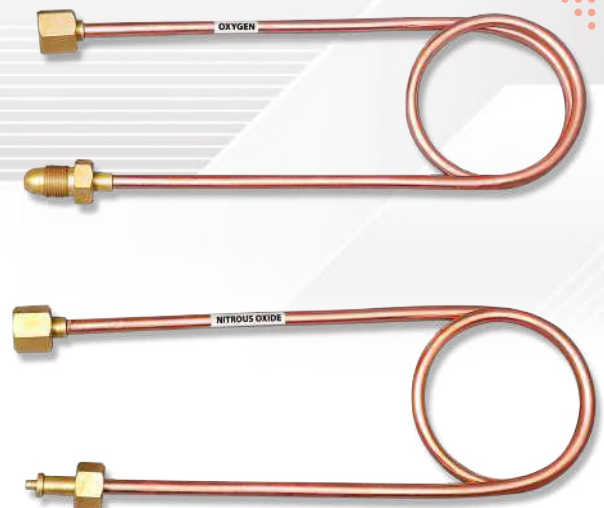


TAIL PIPE

The Medical Copper Tail Pipe is designed for reliable and efficient use in hospitals and healthcare facilities. Crafted from high-quality copper, it ensures optimal conductivity, durability, and to corrosion resistance, making it an ideal choice for critical medical gas and fluid delivery systems. Its design meets stringent industry standards, providing safety and longevity in medical applications.

Features & Specification:

- ▶ Copper tail pipe length standard 45 inch or as per requirement.
- ▶ Copper pipe with nut & nipple
- ▶ Copper pipe is flexible
- ▶ One side of the pipe to be fitted in the cylinder valve and other side of the non-return valve.



MEDICAL GAS INSTRUMENT & ACCESSORIES

Heavy Duty Oxygen Gas Pressure Regulator



MODEL : OR - 14

- ▶ Brass forging body
- ▶ Brass forging bonnet with chrome plating
- ▶ Neoprene rubber diaphragm
- ▶ In-built safety valve
- ▶ Continuous steady pressure & flow
- ▶ Use for Control panel



Technical Specification:

MODEL	GAS	MAX INLET PRESSURE (bar)	MAX OUTLET PRESSURE (bar)	CONNECTION	MAX. FLOW m3/h (lpm)
OR - 14	OXYGEN	250	10 - 12	Inlet 1" BSP (RH)F Outlet 3/8" BSP (RH)M	60 - 70 (1000 - 1200)

BPC FLOW METER

A BPC Flow Meter is a highly accurate instrument used in medical settings to measure and regulate the flow of gases, such as oxygen, to patients. It is a variable orifice, constant pressure device designed to deliver exact gas flow rates, typically ranging from 0 to 15 liters per minute, the BPC Flow Meter is durable and reliable. It features a clear, easy-to-read scale, allowing healthcare professionals to monitor and adjust gas flow with accuracy. Commonly used in respiratory devices, and other medical gas systems, the BPC Flow Meter ensures that patients receive the correct amount of gas for optimal care.

Features :

- ▶ Accurate performance
- ▶ Mounted fitting
- ▶ User friendly
- ▶ Clinical appearance
- ▶ Leak proof

Specification:

- ▶ Body – Brass bar stock
- ▶ Outer & inner tubes - Polycarbonate
- ▶ Internal seals – Rubber & PTFE
- ▶ SS ball
- ▶ Inlet pressure – Oxygen 4.2 kg/cm²(max)
- ▶ Calibrated pressure : 0 - 15 lpm
- ▶ Accuracy - ± 10 % scale value
- ▶ Gas flow adjusting by knob
- ▶ CE Certified



HUMIDIFIER BOTTLE

A humidifier bottle is a medical device used to add moisture to the oxygen or air that patients breathe in during respiratory therapy. It is typically connected to an oxygen source, such as an oxygen concentrator or cylinder, and helps prevent dryness and irritation in the respiratory tract by humidifying the air. The bottle features a graduated scale for monitoring water levels and is designed for easy cleaning and sterilization. Humidifier bottles are commonly used in hospitals, clinics, and home care settings to enhance patient comfort during oxygen therapy.

Features :

- ▶ Bottle : Polycarbonate.
- ▶ Dip tube : Polypropylene.
- ▶ Cab : ABS / POM plastic.
- ▶ Neoprene rubber washer seal.
- ▶ Connection : 3/8" BSP (RH) M
- ▶ Metal : Brass with chrome plated.



WARD VACUUM UNIT

A suction and collection device with high vacuum gauge ideal for use with all common suction therapy / surgical procedures i.e. to drain the organic fluids or secretions from the patient. The device is intended to control the amount of vacuum from a central vacuum pipeline system and also to protect suction regulators and central vacuum systems from bacterial contamination.

Specification:

- ▶ Jar Material: Polycarbonate
- ▶ Regulator: Made of Aluminum anodized
- ▶ Vacuum control (analog): Knob, range 0 – (-760) mm/Hg
- ▶ Jar: Unbreakable, autoclaved at 120°C
- ▶ Capacity of jar – 600, 1000, 2000 ml



THEATER SUCTION UNIT

A theater suction unit is a medical device that removes obstructions from a patient's airway, such as saliva, blood, mucus, or other secretions. Suction units can also remove fluids or gases from the body cavities of a patient.

Features :

- ▶ Easy to install.
- ▶ Jar is unbreakable & sterilized.
- ▶ Highly accurate range.
- ▶ Leak proof.
- ▶ Reliability: The device should be reliable.
- ▶ Pressure: Suction pressure should be kept at less than 200 mm/Hg in adults and 80 mm/Hg to 120 mm/Hg in neonates.
- ▶ Left right mode on off switch.



MOX (OXYGEN) REGULATOR

Features & Specification:

- ▶ Double Stage Double Gauge
- ▶ Body – Brass with chromium plating
- ▶ Inlet connection : 5/8" BSP (M) RH
- ▶ Outlet connection : 3/8" BSP (M) RH
- ▶ Preset fixed static outlet pressure – 4.2 kg/cm²
- ▶ Inlet pressure gauge : 0 - 250 kg/cm²
- ▶ Outlet pressure gauge : 0 – 16 kg/cm²
- ▶ Safety valve fitted
- ▶ High flow rate against minimum pressure drops
- ▶ Accurate performance



MOX (OXYGEN) REGULATOR

Feature & Specification:

- ▶ Single Stage and Single / Double Gauge
- ▶ Body – Brass with chromium plating
- ▶ Inlet connection : 5/8" BSP (M) RH
- ▶ Outlet connection : 3/8" BSP (M) RH
- ▶ Preset fixed static outlet pressure – 4.2 kg/cm²
- ▶ Inlet pressure gauge : 0 - 250 kg/cm² (D / S Gauge)
- ▶ Outlet pressure gauge : 0 – 16 kg/cm² (Double Gauge)
- ▶ Safety valve fitted
- ▶ High flow rate against minimum pressure drops
- ▶ Accurate performance



S/S - S/G



S/S - D/G

MNO-30 (NITROUS OXIDE) REGULATOR

Features & Specification:

- ▶ Doble Stage Double Gauge
- ▶ Body – Brass with chromium plating
- ▶ Inlet connection : EXTW17.46 x 1.27-RH (M)
- ▶ Outlet connection : 3/8" BSP (M) RH
- ▶ Preset fixed static outlet pressure – 4.0 kg/cm²
- ▶ Inlet pressure gauge : 0 - 250 kg/cm²
- ▶ Outlet pressure gauge : 0 – 16 kg/cm²
- ▶ Safety valve fitted
- ▶ High flow rate against minimum pressure drops
- ▶ Accurate performance



MEDICAL GAS INSTRUMENT & ACCESSORIES

MNO-30 (NITROUS OXIDE) REGULATOR



Feature & Specification:

- ▶ Single Stage and Single / Double Gauge
- ▶ Body – Brass with chromium plating
- ▶ Preset fixed static outlet pressure: 4.0 kg/cm²
- ▶ Inlet pressure gauge: 0 - 250 kg/cm² (D/S Gauge)
- ▶ Outlet pressure gauge: 0 – 16 kg/cm² (Double Gauge)
- ▶ Inlet connection: EXTW17.46 x 1.27-RH (M)
- ▶ Outlet connection: 3/8" BSP-RH (M)
- ▶ Safety valve fitted
- ▶ High flow rate against minimum pressure drops
- ▶ Accurate performance



S/S - S/G



S/S - D/G

SINGLE STAGE MEDICAL OXYGEN REGULATOR

MODEL : I-69

Features & Specification:

- ▶ Body : Forged brass with chrome plated
- ▶ Pressure gauge range : 0 – 16 kg/cm²
- ▶ Oxygen gas pressure preset at 4.2 kg/cm²
- ▶ Fitted Safety valve to protect over pressure
- ▶ Neoprene rubber diaphragm protect heat & fire
- ▶ Sintered filter provided to protect foreign matter in inlet nipple
- ▶ Used in medical gas control panel fitting



MEDICAL GAS INSTRUMENT & ACCESSORIES

FINE ADJUSTMENT VALVE (F. A. VALVE)



A Fine Adjustment Valve (F.A. Valve) is a component used in medical gas systems to regulate the flow of gases with high accuracy. This valve allows for fine-tuning of gas flow rates, ensuring that the desired amount of gas, such as oxygen or nitrous oxide, is delivered consistently and safely to patients. The F.A. Valve is typically made from high-quality materials like stainless steel or brass, providing durability and reliability in medical environments. It features a smooth control mechanism that enables healthcare professionals to make precise adjustments, making it essential in settings where exact gas flow control is critical, such as in anesthesia delivery and respiratory therapy.

Specification:

- ▶ Body – Brass with chrome plated
- ▶ Pressure gauge range: 0 - 250 kg/cm²
- ▶ Flow meter range: 0 – 10 lpm
- ▶ High durability



MEDICAL GAS OUTLET

A Medical Gas Outlet is a vital component in healthcare facilities, designed to provide a safe and convenient access point for medical gases like Oxygen, Nitrous oxide, Vacuum and Air. Installed in patient care areas such as operating rooms, intensive care units, and patient wards, these outlets connect directly to a centralized medical gas pipeline system. Constructed from durable, high-quality materials, Medical Gas Outlets are equipped with safety features like color-coding and specific fittings to prevent cross-connection errors. They ensure a reliable supply of medical gases to various medical devices, enabling healthcare professionals to deliver essential care to patients.

Feature :

- ▶ Simple design
- ▶ Single lock system
- ▶ High flow rate against minimum pressure drop
- ▶ Accurate performance
- ▶ Easy installation



MEDICAL GAS INSTRUMENT & ACCESSORIES

BS TYPE GAS OUTLET



We manufacture British Standard Medical Gas outlets of different gases to last and ensure a constant and reliable medical gas flow for the patient and the medical equipment. All outlets are 100% tested for flow, leakage and are cleaned.

The base part made of brass alloy with shut-off valve can maintain without having to interrupt gas delivery to other outlets



QUICK COUPLING:

Quick release couplings, also known as quick disconnect fittings or quick connects, are fittings that connect and disconnect gases lines quickly and easily. When the adaptor is pushed into the coupler, it's held in place by a self-locking mechanism, which creates a leak-proof connection and opens the valve to start flow. To disconnect, the coupler sleeve is pulled back, which ejects the adaptor and automatically shuts off the valves.

Used for Oxygen, Nitrous oxide, Vacuum & Air



SELF SEALING VALVE

The outlet points from which gases & vacuum are drawn are of self-sealing type and have non-interchangeable outlet fittings. The supply is established simply by inserting the appropriate safety key plug into the orifice of the outlet point and pressing it home until it locks in position. To break the connection, the milled collar round the orifice is rotated a few degrees to the right, when the safety key plug is automatically ejected and the gas flow is cut off.

Gas : Oxygen, Nitrous oxide, Air & vacuum.



GAS LINE PRESSURE ALARM (ANALOG & DIGITAL)

Gas line pressure alarm superior quality UV resistant membrane and advance technologies. Monitor of the single to five of various gases line pressure audio-visual alarm indicates that the gas pressure goes up reading in GREEN colour and down the limit it shows RED colour. Gas Pressure indicates in pressure gauges.



DIGITAL ALARM



ANALOG ALARM

MEDICAL GAS INSTRUMENT & ACCESSORIES



Medical Gas Zone Valve Box

A medical gas zone valve box is a device that is used to control the flow of medical gases to different areas of a healthcare facility. The box is typically installed near the main medical gas supply source and contains several individual valves that can be used to control the flow of medical gases to different parts of the facility. This allows healthcare providers to manage the distribution of medical gases and ensure that they are delivered to the right areas at the right time.



MEDICAL GAS PRESSURE GAUGES

MODEL : CONTROL PANEL GAUGES

- ▶ Materials: Aluminum die casting / SS case
- ▶ Type: Contact / Weather proof



Technical Specification:

GAS	SCALE RANGE	CONNECTION THREAD	DIAL SIZE
Medical Oxygen	0 - 250 kg/cm ²	1/2" BSP (M)	100 mm
	0 - 10 kg/cm ²	3/8" BSP (M)	100 mm

MEDICAL GAS INSTRUMENT & ACCESSORIES

MEDICAL GAS PRESSURE GAUGES FOR ANAESTHETIC MACHINE



- ▶ Material : SS / Aluminum die casting
- ▶ SS & Brass bourdon tube
- ▶ Scaling in kg/cm²
- ▶ Accuracy : ± 2% FSD (Full-scale deflection)



Technical Specification:

GAS	SCALE RANGE	CONNECTION THREAD	DIAL SIZE	WORKING PRESSURE
Medical Oxygen	0 - 250 kg/cm ²	1/4" NPT (M) Bottom/Back entry	63 mm	4 – 4.25 kg/cm ²
Medical Nitrous oxide	0 - 100 kg/cm ²			3.75 – 4.0 kg/cm ²

GAS PRESSURE GAUGES FOR MEDICAL REGULATORS



Technical Specification:

GAS	SCALE RANGE	CONNECTION THREAD	DIAL SIZE
Medical Oxygen	0 - 250 kg/cm ² & 0 - 16 kg/cm ²	1/4" NPT (M)	50 mm
Medical Nitrous oxide	0 - 250 kg/cm ² & 0 - 16 kg/cm ²		

MEDICAL GAS INSTRUMENT & ACCESSORIES

MEDICAL VACUUM GAUGE



Technical Specification:

SCALE RANGE	CONNECTION THREAD	DIAL SIZE
0 to (-)760 mm/Hg	1/8" BSP (M)	50 mm

REGULATOR / FLOWMETER GAUGE



Technical Specification:

GAS	DUAL SCALE RANGE	CONNECTION THREAD	DIAL SIZE
Argon / CO ²	0 – 300 bar & 0 – 4500 psi	1/4" NPT (M) Back entry	40 mm

OUR MISSION

At **HINDMEDICO PRODUCT PVT. LTD.** our mission is to enhance health and safety through innovative and high-quality solutions. We are committed to providing state-of-the-art welding gas equipment, medical gas equipment, and industrial safety products that meet the evolving needs of our customers.

Our key objectives include:

Quality Excellence: Ensuring every product we manufacture meets the highest standards of quality and reliability.

Innovation: Continuously advancing our technology and product offerings through rigorous research and development.

Customer Satisfaction: Building and maintaining strong relationships with our customers by delivering exceptional service and support.

Safety: Prioritizing the health and safety of our users by developing products that are safe, efficient, and dependable.

Sustainability: Operating with a focus on long-term sustainability, minimizing our environmental impact, and promoting responsible practices.

We are dedicated to achieving these goals by fostering a culture of excellence, integrity, and continuous improvement. At **HINDMEDICO PRODUCT PVT. LTD.** we strive to be a trusted partner in your success, delivering products that you can rely on for years to come.



OUR VISION

At **HINDMEDICO PRODUCT PVT. LTD.** our vision is to be a global leader in providing innovative and reliable solutions for welding gas equipment, medical gas equipment, and industrial safety products. We aspire to set the benchmark for excellence in our industry, driven by a commitment to quality, safety, and customer satisfaction.

We aim to become the preferred choice for customers worldwide by consistently delivering superior products and services. Pioneering advancements in technology, we strive to meet the dynamic needs of the industry and our customers. Embracing sustainable practices, we contribute to the well-being of our planet and future generations. By upholding the highest standards in all aspects of our business, from product development to customer service, we ensure excellence in everything we do.

Our goal is to expand our presence and impact across international markets while maintaining our core values and commitment to quality. We envision a future where **HINDMEDICO PRODUCT PVT. LTD.** continues to inspire trust and confidence through our unwavering dedication to excellence and innovation. By fostering a culture of continuous improvement and integrity, we aim to contribute positively to the industries we serve and the communities we touch.



CERTIFICATES

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СЕРТИФИКАТ
認證證書
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CERTIFICATE
ZERTIFIKAT



CERTIFICATE

HINDMEDICO PRODUCT PRIVATE LIMITED

ADDRESS: 1ST FLOOR, 5/8, ASHUTOSH MUKHERJEE ROAD,
BELURMATH, HOWRAH-711202, WEST BENGAL, INDIA

QACS certify that the quality management system of the above organization has been audited and found to be in accordance with the requirements of standard detailed below

ISO 9001:2015

For The Following Scope

MANUFACTURING & SUPPLY OF ANAESTHESIA MACHINES & MEDICAL GAS PIPELINE ACCESSORIES AND RELATED SPARES, ARC WELDING ACCESSORIES (ELECTRODE HOLDERS, EARTHING CLAMPS, WELDING CABLES), GAS WELDING EQUIPMENTS & ACCESSORIES (GAS PRESSURE REGULATORS, BLOWPIPES, FLASH BACK ARRESTORS, NOZZLES, CUTTING MACHINES), MIG & TIG WELDING TORCHES AND ACCESSORIES, LEATHER GLOVES, APRONS, RUBBER HOSE, INDUSTRIAL SAFETY HELMET AND INDUSTRIAL SAFETY BELT (HARNES)

Certificate No:- QACS-UAF-Q-HM-09.23.1010

EA Code:- 18

*This certificate is issued in accordance with the QACS International Pvt. Ltd. auditing and Certification procedures and it is remain valid subject to annual surveillance audit.

Certificate Issue Date	: 06.06.2024	1st Surveillance Date	: 08.11.2024
Dated Of Initial Registration	: 09.11.2023	*Certificate Expiry Date	: 08.11.2025
Certificate Validity	: 01 Year & 06 Months	Revision	: 01

Note: Certificate shall be valid after surveillance, only if continuation letter by QACS is present.

QACS International Pvt. Ltd.
Kh. No. 850, 2nd floor, opp SBI bank,
sant nagar Barari, delhi-110084
E-mail: info@qacs-world.com
To check the certificate validity please refer
Web: www.globalqacs.com

QACS Accredited By:
United Accreditation Foundation Inc. (UAF)
400 North Centre DR, STE 202, Norfolk,
VA 23502, United States Of America (USA)
Web: www.usafaccreditation.org





[Signature]
Authorized Signatory

Disclaimer :- This certificate is issued on the basis of random onsite inspection w.r.t. System/Product Certification of organization as per the standard mentioned. This Certification do not involve any financial auditing. This certificate cannot be used as justification for running any type of deposit schemes. QACS will not be responsible if someone give special guidance based on this system/product certification mentioning it as international financial audit.



WE ARE PROUD TO SERVE





HINDMEDICO PRODUCT PRIVATE LIMITED

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