

# UNICORN DenMart ®

Behind The Best Indian Dentists



## Dental Sterilization

# MELAG

competence in hygiene

UNICORN DenMart ®  
Behind The Best Indian Dentists

## Pro Line

A Legend. Reborn.



#1

A PROfound leap  
of the world's best  
selling autoclaves

  
Quality – made in Germany

## Pro Line

# TIME FOR A NEW ERA

Do you already know the Pro-Class autoclaves? Then you will love the new generation of MELAG devices - from their functions to their price! The all-new Pro autoclaves impress across the line: Astonishing performance, smart functions as well as a modern and extremely sturdy design open up new possibilities. We make no compromises when it comes to reliability and develop under the highest quality requirements at our headquarters in Berlin – since we know, an autoclave should never fail.



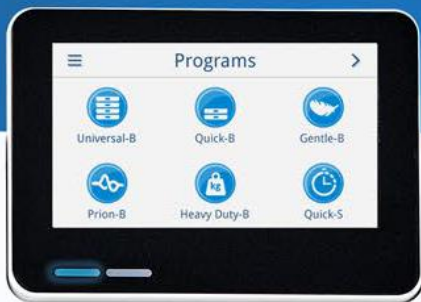
**MELAG**



**Made in  
Germany**

### Made in Germany. Made for You

Future needs heritage: We have been developing, producing and optimizing our system solutions for instrument reprocessing at our headquarters in Berlin for over 70 years. MELAG stands for the art of engineering and production "made in Germany" with the highest levels of quality.



- + **Quality – made in German**  
for maximum reliability in everyday practice
- + **Impressive speed**  
in accordance to EN 13060 for time-saving workflow
- + **Optimal drying results**  
for protection against re-contamination and corrosion
- + **Uncompromising comfort**  
for easy and safe handling
- + **Smart documentation concept**  
for complete and legally compliant proof
- + **Eco-friendly innovation**  
for massive savings of electricity and water

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~~UN~~ **AFFORDABLE**

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Quality made in  
**Germany**



## We love infection control. And the environment.

The Pro combine environmental protection with economic efficiency. Thanks to the ground breaking stand-alone concept, Power Save energy-saving function and DRYtelligence drying, our autoclaves are the best solution - for your budget & the environment.

# A great deal to love Offer more. Need less.

Whether loading, sterilization or documentation - the compact MELAG class B autoclaves offer a price-performance ratio that stands up to any comparison. So you not only sterilize more instruments in less time, but also save money. And all this in the MELAG quality you know and appreciate from the proven predecessor models of the Pro-Class.



**More  
PERFORMANCE.**

**25 %** **more favorable price**  
for an economical use from the first day.\*

**50 %** **less maintenance work**  
due to extended service intervals of 2  
years or 2,000 cycles.\*

**96 %** **lower water consumption**  
thanks to the trend-setting stand-alone  
concept with highly effective air cooling.\*\*

**35 %** **shorter cycle times**  
enable an efficient hygiene workflow and thus more  
time for what really matters: Your patients.\*

**15 %** **more loading**  
on up to 5 trays gives you the flexibility you need in  
your daily practice: Now and in the future.\*

**100 %** **more intuitive operation**  
with Smart-Touch Display, LED status and  
documentation via USB stick, the user experience is  
taken to the next level.



**LESS  
COST.**



**Quick Fact:** Do you need an autoclave for sterilizing even larger loads in record time? Then take advantage of our Premium-Class Evolution with worldwide unique product highlights.

\* Compared to the predecessor models of the Pro-Class.

\*\*Compared to the predecessor models of the Pro-Class with fixed water connection.

# As versatile as you are.

In order to meet individual needs, the all-new MELAG autoclaves is available in 23 liter sizes and with different scopes of features.

## Vacuclave 123

Our entry-level models: The Pro Line offers everything you need for a safe, convenient and resource-saving sterilization.

ProLine



### Powerful class B vacuum procedure

Reliable sterilization of up to 6 kg on 5 trays in only 15 to 28 minutes (plus drying) - made in Germany.



### Smart-Touch Display with LED status

Reliable sterilization of up to 6 kg on 5 trays in only 15 to 28 minutes (plus drying) - made in Germany.



### Connectivity and data logging

Compliance with legal requirements by saving the sterilization parameters via USB or network.\*



### Stand-alone device concept

Integrated water tanks and highly effective air cooling for site-independent operation without cooling water.



### Power Save energy saving mode

Heater and display go into standby mode between sterilizations for top energy efficiency.\*



### EasyCare routine concept

User-friendly optimizations for efficient filter replacement, tank cleaning and water supply.



Love the  
quality.  
Love the  
price.



# For your safety: Everything from one source. The MELAG System Solution.

Every practice and clinic is unique. With individual system solutions, we are by your side. Our washer-disinfectors, sealing devices, autoclaves and software solutions turn your dreams of optimized workflows into reality. The perfect interplay of MELAG System Solutions allows you to achieve greater time, space and cost-savings in instrument reprocessing.



Unique as a product, unbeatable in a system:



✓ Cleaning & disinfection with MELAtherm



✓ Packaging with MELAseal or MELAstore



✓ Steam sterilization with MELAsterm



**Personal:**  
One central contact to answer all your instrument reprocessing questions



**Efficiency:**  
Cost optimization by synchronizing the service of all devices in your decontamination room



**Process-optimized:**  
Coordinated operating concept to avoid malfunctions in everyday practice



Automation with Vacuclave



✓ Documentation & approval with MELAt race



✓ Marking with MELAprint 80

# Find the right accessories for you. And your Vacuclave

## Expand what's possible. (Optional)

A variety of accessories enables you to assemble the configuration which best suits your needs. Vacuclave thus ensures maximum safety and efficiency - ideally matched to your individual instrument reprocessing workflow.

### 1. Select your loading configuration:

For optimal use of the sterilization chamber, we offer coordinated loading systems



#### Mount A Plus

for accommodating five trays for individual instruments or three MELAstore Boxes 100 for instrument sets



#### Mounts:

Order no. ME82630 for 45 cm deep chamber  
Order no. ME82620 for 35 cm deep chamber

#### Trays:

Order no. ME00230 for 45 cm deep chamber  
Order no. ME00280 for 35 cm deep chamber

### 2. Select your water treatment:

MELAdem supplies high-quality demineralized water for optimum value retention of the autoclave and instruments.



#### MELAdem 40

is a compact ion exchanger system for practices and clinics with up to three sterilization cycles per day.

Order no. ME01049



#### MELAdem 47

is a high performance reverse osmosis system for practices & clinics with an increased sterilization demand.

Order no. Me01047

### 3. Select further accessories for documentation:

The Pro and Prime Line offers legally compliant documentation & approval with integrated USB and network interfaces.



#### MELAtrace

ensures professional documentation, approval and traceability of the entire decontamination process.\*\*

Download MELAtrace now for free with 90-day trial license from [www.melag.com](http://www.melag.com)



#### MELA print 80

prints in connection with MELAtrace or the Prime Line barcode labels for optimal marking and traceability of the instruments.\*\*

Order no. Me01108



Impressing across the line:  
Discover the promising advantages  
of our new Pro and Prime Line  
[www.melag.com/en/multimedia](http://www.melag.com/en/multimedia)



#### Foil holder

enables the vertical sterilization of wrapped instruments for optimal drying results.

Order no. ME22420 for 45 cm deep chamber  
Order no. ME22410 for 35 cm deep chamber



#### Chamber Protect

for careful cleaning of the stainless steel surfaces. The chamber cleaning set contains a powerful cleaner, 50 lint-free cloths and 1 microfiber cloth.

Order no. Me01081



#### MELAdem 53 / 53 C

is a water treatment unit with very high capacity for MELAtherm and up to three other devices.

Order no. for MELAdem 53: ME01038  
Order no. for MELAdem 53 C: Me01036



#### MELA jet

enables the instruments to be sprayed with demineralized water.\*

Order no. Me27300



#### MELAG USB Stick

saves the sterilization log files of the Pro and Prime Line on a digital data carrier.

Order no. ME19901



#### MELAcontrol Helix

provides reliable control of the sterilization result as a helix test system with 250 indicator strips.

Order no. Me01080

# Facts and figures at a glance

## Technical specifications

The Pro guarantee fast sterilization tailored to your needs with a wide range of programs

| Programs of Pro Line |                                | Vacuclave 123 operating times<br>(at minimum to maximum load) * | Drying<br>(Time Controlled) |
|----------------------|--------------------------------|---|-----------------------------|
| Universal-B          | 134°C, holding time: 5, 5 min  | 24 – 31 min   | 20 min                      |
| Quick-S              | 134°C, holding time: 3, 5 min  | 16 – 20 min   | 5 min                       |
| Quick-B              | 134°C, holding time: 5, 5 min  | 24 – 27 min   | 10 min                      |
| Gentle-B             | 121°C, holding time: 20, 5 min | 39 – 47 min   | 20 min                      |
| Prion-B              | 134°C, holding time: 20, 5 min | 37 – 48 min   | 20 min                      |

\* Times for Type-B programs for single wrapped load and Quick-S for unpacked load.  
Times may vary depending on the type and quantity of load.

The Pro Line can be installed quickly and easily as table top autoclaves in any reprocessing room.  
Get an overview of the technical data

|                                  | Pro Line - Vacuclave 123  |
|----------------------------------|---|
| Order No.                        | Me0123  |
| Device Type                      | Stand-alone class B autoclave (Compatible with additional water treatment unit) |
| Chamber Size                     | ø 25 cm x 45 cm long  |
| Chamber Volume                   | 23 litres   |
| Load Quantity                    | max. 6 kg instruments / 2 kg textiles   |
| Device Dimensions<br>(W x H x D) | 47 x 50 x 64 cm (device fits on a 60 cm table top)                              |
| Weight                           | 49 kg   |
| Power Supply                     | 220 – 230 V / 50 – 60 Hz  |
| Power Consumption                | 2.100 Watts   |
| Documentation Interfaces         | USB, network  |

# AUTOCLAVE



**European Quality Parts**

## Work Mode Chart

|                         | 134° C Package | 134° C Non Package | 121° C Package | 121° C Non Package | 134°B+        |
|-------------------------|----------------|--------------------|----------------|--------------------|---------------|
| Sterilizing Temperature | 134            | 134                | 121            | 121                | 134           |
| Sterilizing Pressure    | 2.10           | 2.10               | 1.10           | 1.10               | 2.10          |
| Sterilizing Time        | 6              | 4                  | 20             | 16                 | 18            |
| Drying time min         | 15             | 15                 | 15             | 15                 | 15            |
| Quick Drying time       | 1/5            | 1/5                | 1/5            | 1/5                | 1/5           |
| Total time min          | 43<br>(29/33)  | 35<br>(21/25)      | 57<br>(43/47)  | 47<br>(33/37)      | 55<br>(41/45) |

## FENG 23L / SEA 23L-B-LED

- ✦ B type fully automatic front-loading autoclave powered by triple vacuum cycle
- ✦ Temperature Selection - 121° C / 134° C / B+
- ✦ Double door lock system for safety
- ✦ 5 Programs for sterilization of all types of instruments – Solid/Hollow, Porous/Non-Porous etc.
- ✦ Reduced full cycle time
- ✦ Bow and Dick test qualified
- ✦ User-friendly Control Panel
- ✦ 2 Storage tanks for distilled and waste water
- ✦ Data storage facility with USB functioning (2000 cycles)
- ✦ Steam generator cleaning program to increase the efficiency of the autoclave
- ✦ Chamber size 250 mm x 450 mm
- ✦ High vacuum pump level -92 kPa
- ✦ Optional micro printer

## 23 Ltr B-Type front loading Fully automatic with USB RECORDER



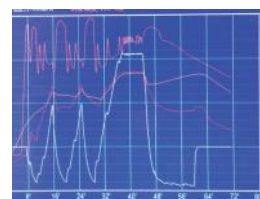
Aluminum Foil Installation



High Vacuum Pump



Stainless Steel Connectors



Reduced Full Cycle Time

## WATER DISTILLER

The water distiller is the best in its class. This distiller completes one litre of pure steam-distilled water in 1 hour. The boil chamber and condensing coils are high-grade 304 Stainless Steel. It comes with a high-quality plastic collection bottle, the lid and handle are made of food-grade polypropylene, and the lid is removable for convenience. Distilling your own water can't get any easier, simply fill the boiling chamber, press the start button, and walk away, the distiller will automatically shut off at the end of the cycle. It's very easy and convenient.

### Features

- ✦ Easy to use, produces pure steam distilled water
- ✦ Lightweight compact design, great for home and for medical use
- ✦ Eliminates plastic bottles from the store & saves you money
- ✦ Capacity - 4 Litres
- ✦ High-quality collection bottle for the purest water



## DIGITAL ULTRASONIC CLEANER

- ✦ 3 colour LED display
- ✦ 1 to 30 - minute full range timer
- ✦ 5 temperature settings
- ✦ Solution usage timer
- ✦ Degas feature
- ✦ Independent power switch and detachable power cord, convenient to use
- ✦ Tank capacity 3 Ltr
- ✦ Frequency 35,000 Hz
- ✦ Tank Size 25 x 17.4 x 7.8 cm and Weight 5.1 Kg
- ✦ Tank material stainless steel SUS304

 **CODYSON**



**Basket**

### Optional Accessories:

- ✦ SS Tray ✦ Rack
- ✦ Beaker ✦ Beaker Holder

## TPC

### Handpiece Lubricating Unit

✦ **Shell Lubrication Oil Integration:**

Experience enhanced performance with the integration of Shell lubrication oil, ensuring smooth operation and longevity of your equipment.

✦ **Perfect Maintenance:** Instruments that are well-maintained last longer, reducing the need for frequent replacements.

✦ **Essential Functionality:** Ensures the long working life of dental handpieces, a crucial tool in dental procedures.

✦ **Automatic Rotational Lubrication:** This feature ensures optimum distribution of lubrication, covering all parts of the instrument.

✦ **Enhanced Diagnostics:** Provides clear and detailed views, enabling accurate diagnosis of oral conditions.

✦ **Trust and Communication:** Builds trust and rapport between dentists and patients through real-time visual explanations.



With 1 Ltr.  
Lubrication Oil Bottle

For any Sales & Support

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 sales@unicorndenmart.com



SCAN TO VISIT OUR WEBSITE



Corporate Office: 3 Local Shopping Centre, MOR Land, Near J Block DDA Market, New Rajender Nagar, New Delhi – 110060



\* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.