

Vacuclave 105

The fastest autoclave of its class.



#1

Record sterilization from 6.5 min. (plus flexDRY drying)*

Vacuclave 105

Not big. But great.

To the future, get set, go! With the fastest autoclaves in their class, we are redefining the limits of speed: Because the 5 liter class B autoclaves have been developed down to the smallest detail for a great performance!

Ahead of the times: In all programs.

Buckle up and sterilize instruments on up to 2 trays in record times from 6.5 minutes (plus drying).



Big on the inside, small on the outside: Special all around.

The compact powerhouse with a device width of just 30 cm saves up to 60 % space compared to conventional practice autoclaves.

Magically simple: Simply magical.

The Plug & Play installation concept, the large Smart-Touch Display and the Power Save function make everything easier - from installation and operation to environmental protection.



Made in Germany: Made for You.

We make no compromises when it comes to quality: We develop and produce to the highest quality standards in Berlin - 100% made in Germany. Because we know an autoclave must never fail.



MELAG
competence in hygiene

**UNICORN
DenMart** [®]
Behind The Best Indian Dentists



Quality made in
Germany

105

Small autoclaves. Great performance.

Fast has never been this fast before.

Bye bye waiting times, hello sterilization in record time. Vacuclave 105 enable up to 6 times faster workflows than conventional practice autoclaves. What does that mean in concrete terms? More productivity, more flexibility, more time for your patients.

from

6.5 min^{*}

Cycle time of a conventional practice autoclave: approx. 40 minutes



shorter cycle times
for sterilization



less space required in the
decontamination room



less weight than a
practice autoclave

Compact powerhouses for your practice

With a width of only 30 cm, the lightning-fast autoclaves fit perfectly into any reprocessing line: As an addition to your practice autoclave or as a stand-alone unit. Discover the versatility of our innovative device concept.





22x

Loading concepts for up to 22 dental contra-angle handpieces per batch



Loading concept for an ophthalmic cataract set



* Cycle time with empty chamber and optimum conditions (plus drying).

Application area #1

The perfect match

Every practice needs to sterilize - but how long is up to you: By supplementing your practice autoclave, you can quickly sterilize cost-intensive instruments between treatments.



Reduce the number of instrument sets required.



Application area #2

The one and only

Small autoclaves for big dreams: Vacuclave 105 is faithful and efficient companions for practices with few instruments.



Meet the requirements for compliant reprocessing in the smallest space.

More power. More flexibility. More wow.

Our small autoclaves for big dreams.

Who says you can't expect big features from a small autoclave? Benefit from a magical operating concept, impressive power and smart features that save you time, money, and space in instrument reprocessing:

Vacuclave 105 (Pro Line)

Our entry-level model: With class B and S programs, the Pro Line compact autoclave offers everything you need for safe, convenient and resource-saving sterilization.



Powerful class B vacuum process

Reliable sterilization of up to 2 kg on 2 trays in just 6.5 to 16 minutes (plus drying)
- Made in Germany.



Smart-Touch Display with LED status

Touchscreen with intuitive menu structure for easy operation like your smartphone - even with gloves.



Connectivity and data logging

Compliance with legal requirements through logging of sterilization parameters via USB and network or log printout via MELAprint 80.



FlexDRY drying

Freely programmable drying time from 1 to 60 minutes, individually tailored to your workflow and load.



Power Save energy-saving mode

Heating and display standby mode between sterilizations for top energy efficiency.



Plug & Play installation concept

Lightning-fast commissioning with the aid of external water tanks.



Record cycle times

for sterilisation from 6.5 minutes (plus drying)



flexDRY drying

for a customised drying process from 1 - 60 min



Powerful vacuum process

Class B for reliable sterilisation in accordance with EN 13060



Intuitive operating concept

thanks to the Smart-Touch display with LED status



Connectivity and data logging

of sterilisation protocols via USB stick or network



Plug and play installation concept

for lightning-fast commissioning at any desired location



Power Save energy-saving mode

for top energy efficiency in everyday practice work



Quality made in Germany

developed, designed and produced in Berlin



Plug & Play installation concept

Quickly installed, sterilized anywhere.

Our plug & play installation concept with external water tanks and highly effective air cooling enable lightning-fast commissioning at any desired location, because Vacuclave 105 require neither water nor compressed air connection.



Water supply

The water supply via external tanks and the highly efficient air cooling ensure reliable operation.



5 liter waste water tank included in the scope of delivery



Documentation

With two USB and one network interfaces, there are no additional costs for the documentation of sterilization protocols.



USB stick included in the scope of delivery



Power supply

Power is supplied by connecting the Vacuclave 105 to a 200 - 230 V socket.



Mains cable included in the scope of delivery

Figures. Data. Facts.

Technical data

Gain time for your patients: The compact Pro and Prime Line autoclaves offer everything you need for safe, convenient and resource-saving sterilization. In the smallest space and in the shortest time.

Vacuclave 105 programs (Pro Line)		Operating times (with minimum to maximum load) *	Drying (time-controlled)
Universal-B	134° C, plateau time: 5.5 min	11 – 16 min	8 min
Quick-S	134° C, plateau time: 3.5 min	6,5 – 10 min	5 min
Gentle-B	121° C, plateau time: 20.5 min	26 – 32 min	20 min
Prion-B	134° C, plateau time: 20.5 min	26 – 32 min	8 min

* Data for the Quick-S program for unpacked loads and for all other programs for single-packed loads. Times may vary depending on load type and quantity.

** DRYtelligence automatically adjusts the drying process to your load. Intelligent drying therefore achieves optimum drying results at all times.

Quickly installed, sterilized everywhere. Our plug & play installation concept with external water tanks enables lightning-fast commissioning: Find out more about the technical data of our new compact autoclaves.

	Vacuclave 105 (Pro Line)
Art. no.	ME10105
Device type	Stand-alone autoclave (with external containers)
Autoclave class	Class B
Chamber size (H x W x D)	8 x 20.3 x 31 cm
Chamber volume	5 liters
Load quantity	Max. 2 kg instruments / 0.45 kg textiles
Device dimensions (H x W x D)	30 x 30 x 59 cm
Weight	28 kg
Power supply	200 – 230 V / 50 – 60 Hz
Power consumption	2.100 watts
Documentation interfaces	2 x USB, network

System solutions, innovation and quality

MELAG is an owner-managed family business that has focused on products for practice hygiene since it was founded in 1951. With over 500 employees, we produce exclusively in Germany on an area of approx. 25,000 m² and are the world market leader in the field of instrument reprocessing.



WHERE **TRUST** COMES **FIRST**



**Warranty Ke Saath Bhi
Warranty Ke Baad Bhi**

For any Sales & Support

 9821184441, 8448398852

 sales@unicorndenmart.com

Customer Care

Register Your Complaint with A Missed Call: **7065-558-558**

 011-45551250, 51, 55  97170-12081, 95994 -48518

 care@unicorndenmart.com | care1@unicorndenmart.com

Connect With



Unicorn DenMart



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

    /unicorndenmart.com

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

Ver 05/2026