MELAG
competence in hygiene

Vacuclave 105 and Vacuclave 305

The fastest autoclaves of their class.



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

Quality – made in Germany

Vacuclave 105 and Vacuclave 305

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.



Small autoclaves. Great performance.

Fast has never been this fast before.

Bye bye waiting times, hello sterilization in record time. Vacuclave 105 and Vacuclave 305 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

Up to **80%**

shorter cycle times for sterilization

Up to **60%**

less space required in the decontamination room

Up to **50%**

less weight than a practice autoclave



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).

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.



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 or Vacuclave 305 are 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 14 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.

Vacuclave 305 (Prime Line)

Maximum flexibility, efficiency and legal certainty in the smallest space: Vacuclave 305 also impresses with smart functions for perfect drying results and seamless batch traceability.

DRYtelligence drying

Algorithm-controlled drying ensures optimum results while reducing drying times by up to 80 %.

ProControl approval

Say goodbye to paperwork: ProControl enables batch release and user authentication directly on the display without extra software.

Label printing with MELA*print* 80

The optional barcode label printer enables seamless labeling and traceability of instruments - from treatment to reprocessing.



Your new comfort zone: The reprocessing room.

The MELAG system solution

Every practice is unique. With individual system solutions, we are the partner you can rely on. Benefit from the perfect interaction of MELAG washer-disinfectors, sealing devices, autoclaves and software solutions. This is how we turn your ideas of a time-, space- and cost-saving hygiene workflow into reality.

Personal:
A central contact person for questions about instrument reprocessing

Efficient:
Cost optimization through synchronization of the service for all devices in the processing room

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



Unique as a product, unbeatable as a system:



Cleaning & disinfection with **MELA*therm***



Packaging with **MELA*seal*** or **MELA*store***



Steam sterilization with Vacuclave 105 / 305



Documentation & approval with **MELA*trace***



Labeling with **MELA*print* 80**

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 and Vacuclave 305 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 and Vacuclave 305 to a 200 - 230 V socket.

Mains cable included in the scope of delivery

As versatile as you are.

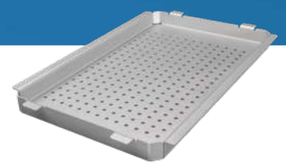
The right accessories for you. And your Vacuclave.

Thanks to a wide range of accessories, you can easily put together the configuration that suits you best. Vacuclave thus offers maximum safety and efficiency - ideally tailored to your individual instrument reprocessing workflow.

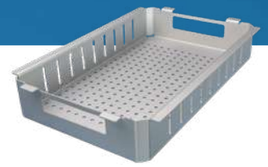
Trays

enable optimum use of the sterilization chamber of the Vacuclave 105 or Vacuclave 305 with either two flat or one deep tray.

Tray flat: Art. no. ME23446
Deep tray: Art. no. ME23447



Tray flat
Dimensions (HxWxD)
2 x 17.3 x 28.7 cm



Deep tray
Dimensions (HxWxD)
5 x 17.3 x 28.7 cm

Chamber Protect

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

Art. no. ME01081



MELA*trace*

enables professional documentation, approval and traceability of the entire reprocessing process.

Download MELAtrace now free of charge with a 90-day trial license from www.melag.com/en



MELA*print* 80

prints barcode labels for optimum identification and traceability with MELAtrace and Vacuclave 305 or log files with Vacuclave 105 and 305.

Art. no. ME01108



MELA*doc* Labeller

is used for manual labelling of wrapped instruments after sterilization with double-sided adhesive labels.

Art. no. ME01086



MELA*control* Type 5

is used to check the sterilization conditions (steam, temperature and time) and can be added to packaged instruments or placed directly on the tray.

Art. no. ME01077



MELA*control* Helix

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

Art. no. ME01080



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: 3,5 min	9 – 14 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

Vacuclave 305 programs (Prime Line)		Operating times (with minimum to maximum load) *	Drying	
			DRYtelligence**	time-controlled
Universal-B	134° C, plateau time: 3,5 min	9 – 14 min	from 1 min	8 min
Quick-S	134° C, plateau time: 3,5 min	6,5 – 10 min	from 1 min	5 min
Gentle-B	121° C, plateau time: 20,5 min	26 – 32 min	from 1 min	20 min
Prion-B	134° C, plateau time: 20,5 min	26 – 32 min	from 1 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)	Vacuclave 305 (Prime Line)
Art. no.	ME10105	ME10305
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.



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Save paper, protect the environment:
To reduce paper, we provide you with the user documentation electronically in our download center. You can find further information at **www.melag.com**

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