

Vacuclave 105 and Vacuclave 305



Sterilisation times from 6.5 minutes

Vacuclave 105 and Vacuclave 305

Not big. But great.

To the future, get set, go! With one of the fastest autoclaves in their class, we are redefining the limits of speed: Because the 5 litre 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 sterilise instruments on up to 2 trays in 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.*

Effortlessly simple, with exceptional results.

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 understand the critical importance of reliable autoclave performance.

*Compared to Primeline B Class Autoclaves



Quality made in
Germany

Vacuclave® 305



Small autoclaves. Great performance.

Optimised for Fast and Efficient Performance.

Bye bye waiting times, hello sterilisation in record time. Vacuclave 105 and Vacuclave 305 enable workflows to support your clinical needs. 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



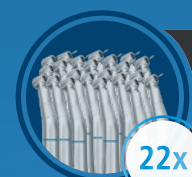
shorter cycle times
for sterilisation



less space required in the
decontamination room



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 ideal match

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

➔ Reduce the number of instrument sets required.

^Compared to other Melag sterilisers.



Application area #2

The renowned

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.^

*Compared to Primeline B Class Autoclaves

**Compared to the Vacuclave 323 with an 8kg load

Power. Flexibility. Wow.

Our small autoclaves for big dreams.

Who says you can't expect big features from a small autoclave? Benefit from an ideal 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 convenient and resource-saving sterilisation.



Powerful class B vacuum process

Reliable sterilisation 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 sterilisation 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 sterilisations 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 ideal drying results and seamless batch traceability.



DRYtelligence drying

Algorithm-controlled drying ensures optimum results.



ProControl approval

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



Label printing with MELAprint 80

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

*Compared to other Melag sterilisers.



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 optimisation through synchronisation of the service for all devices in the processing room



Process-optimised:

Coordinated operating concept to avoid errors in everyday practice



Distinctive as a product, unbeatable in a system



✓ Cleaning & disinfection with MELatherm



✓ Packaging with MELaseal or MELastore



✓ Steam sterilisation with Vacuclave 105 / 305



✓ Documentation & approval with MELatrace



✓ Labeling with MELaprint 80

Plug & Play installation concept

Quickly installed, sterilised 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 litre 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 sterilisation 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 efficiency - ideally tailored to your individual instrument reprocessing workflow.

Chamber Protect

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



Product Code: MEL-ME01081

MELAttrace PRO 60 MONTHS

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



For more information please contact your BioMedex representative.

MELAprint 80

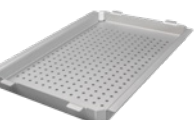
prints barcode labels for optimum identification and traceability with MELAttrace and Vacuclave 305 or log files with Vacuclave 105 and 305.



Product Code: MEL-ME01108

Trays

enable optimum use of the sterilisation chamber of the Vacuclave 105 or the Vacuclave 305, the unit is supplied standard with 2x MEL-ME23446 trays.



Product Code: MEL-ME23446

MELAcontrol Type 5

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



Product Code: MEL-ME01077

MELAcontrol Helix

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



Product Code: MEL-ME01080

Figures. Data. Facts.

Technical data

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

*Compared to other Melag sterilisers.

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, sterilised 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.	MEL-ME10105	MEL-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 litres	
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.