

Pro and Prime Line

Our New Generation Autoclaves



Pro-Class HAS SHAPED AN ERA

Worldwide, we are the only family-run manufacturer of autoclaves that develops and produces exclusively in Germany. With over 300,000 units sold, the Pro-Class has inspired customers for decades with distinctive MELAG quality - made in Germany. The time has come to reinvent the best selling classic.

Pro Line and Prime 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 and Prime autoclaves impress across the line: Impressive 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.



- + **Quality – made in Germany**
for reliability in everyday practice
- + **Impressive speed**
in accordance to EN 13060 for time-saving workflows
- + **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 innovations**
for savings of electricity and water

~~UN~~ AFFORDABLE

MELAG

Made in Germany. Made for You.

Future needs heritage: We have been developing, producing and optimising 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.

Made in
Germany



A great deal to love

Offer more. Need less.

Whether loading, sterilisation or documentation - the compact MELAG class B autoclaves offer a price-performance ratio that stands up to any comparison. So you not only sterilise 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 sterilising even larger loads in record time?

Then take advantage of our Premium-Class Evolution with product features that are known worldwide.



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

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



We love infection control. And the environment.

The Pro and Prime Line combine environmental protection with economic efficiency. Thanks to the stand-alone concept, Power Save energy-saving function and DRYtelligence drying (included in the Prime Line), our autoclaves are the leading solution - for your budget and the environment.

2 sizes. 4 models. Endless possibilities.

As versatile as you are.

In order to meet individual needs, the all-new MELAG autoclaves are available in 17 or 23 litre sizes and with different scopes of features.

ProLine

Vacuclave 118 & Vacuclave 123

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



Powerful class B vacuum procedure

Reliable sterilisation of up to 6 kg on 5 trays in only 15 to 28 minutes (plus drying).



Smart-Touch Display with LED status

Touchscreen with intuitive user interface for simple operation like your smartphone - even with medical gloves.



Connectivity and data logging

Compliance with legal requirements by saving the sterilisation 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 sterilisations for top energy efficiency.*



EasyCare routine concept

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

PrimeLine

Vacuclave 318 & Vacuclave 323

Our price-performance champions: In addition to the presented product features, the Prime Line impresses with high loading capacities, excellent drying results and extended batch approval functions.



Heavy Duty-B program

Stay all around flexible: The Prime Line offers an outstanding capacity for up to 8 kg load.



DRYtelligence drying

The algorithm-controlled drying ensures optimum results and a reduction in drying time of up to 80%.*



ProControl batch approval

ProControl enables batch approval and user authentication directly on the display without extra software solutions.



Barcode label printing

MELApriint 80 can be deployed to print barcode labels for marking and complete traceability of instruments.



* DRYtelligence automatically adjusts the drying process to your load. The intelligent drying process thus achieves optimum drying results at all times

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 optimised workflows into reality. The ideal interplay of MELAG System Solutions allows you to achieve greater time, space and cost-savings in instrument reprocessing.



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



Efficiency:
Cost optimisation by synchronising the service of all devices in your decontamination room



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



Distinctive as a product, unbeatable in a system:



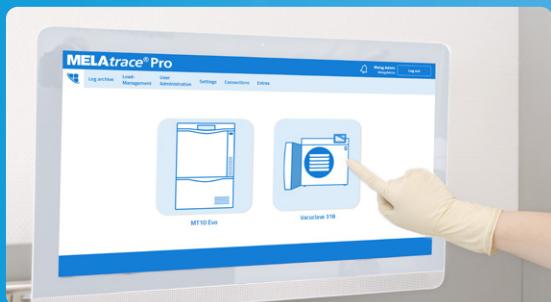
✓ Cleaning & disinfection with MELAtherm



✓ Packaging with MELAseal or MELAstore



✓ Steam sterilisation with Vacuclave



✓ Documentation & approval with MELAttrace



✓ Marking with MELAprint 80

Find the right accessories for you. And your Vacuclave.

Expand what's possible.

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 sterilisation 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:

- 45 cm deep chamber
- 35 cm deep chamber

Trays:

- 45 cm deep chamber
- 35 cm deep chamber



Foil holder

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



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.

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 sterilisation cycles per day.



MELAdem 47

is a high performance reverse osmosis system for practices and clinics with an increased sterilisation demand.



MELAdem 53 / 53 C

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



MELAJet

enables the instruments to be sprayed with demineralised water.*

*Compatible with MELAdem 40 and MELAdem 53

3. Select further accessories for documentation:

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



MELAtrace

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



MELAprint 60/80

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



MELAG USB Stick

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



MELAcontrol Helix

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

**Compatible from 01.07.2023

Facts and figures at a glance

Technical specifications

The Pro and Prime Line ensure fast sterilisation tailored to your needs with a wide range of programs:

Programs of Pro Line		Vacuclave 118 operating times (at minimum to maximum load) *	Vacuclave 123 operating times (at minimum to maximum load) *	Drying (time controlled)
Universal-B	134 °C, holding time: 5,5 min	22 – 27 min	24 – 31 min	20 min
Quick-S	134 °C, holding time: 3,5 min	15 – 18 min	16 – 20 min	5 min
Quick-B	134 °C, holding time: 5,5 min	22 – 25 min	24 – 27 min	10 min
Gentle-B	121 °C, holding time: 20,5 min	37 – 42 min	39 – 47 min	20 min
Prion-B	134 °C, holding time: 20,5 min	37 – 42 min	37 – 48 min	20 min

Programs of Prime Line		Vacuclave 318 operating times (at minimum to maximum load) *	Vacuclave 323 operating times (at minimum to maximum load) *	Drying	
				DRYtelligence**	time controlled
Universal-B	134 °C, holding time: 5,5 min	22 – 27 min	24 – 31 min	> 5 min	20 min
Quick-S	134 °C, holding time: 3,5 min	15 – 18 min	16 – 20 min	> 5 min	5 min
Quick-B	134 °C, holding time: 5,5 min	22 – 25 min	24 – 27 min	> 5 min	10 min
Gentle-B	121 °C, holding time: 20,5 min	37 – 42 min	39 – 47 min	> 5 min	20 min
Prion-B	134 °C, holding time: 20,5 min	37 – 42 min	37 – 48 min	> 5 min	20 min
Heavy Duty-B	134 °C, holding time: 5,5 min	22 – 32 min	24 – 35 min	> 5 min	30 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.

** DRYtelligence automatically adjusts the drying process to your load. The intelligent drying process thus achieves optimum drying results at all times

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

	Pro Line		Prime Line	
	Vacuclave 118	Vacuclave 123	Vacuclave 318	Vacuclave 323
Device type	Stand-alone class B autoclave (Compatible with additional water treatment unit)			
Chamber size	ø 25 cm x 35 cm long	ø 25 cm x 45 cm long	ø 25 cm x 35 cm long	ø 25 cm x 45 cm long
Chamber volume	17 litres	23 litres	17 litres	23 litres
Load quantity	max. 5 kg instruments / 1.8 kg textiles	max. 6 kg instruments / 2 kg textiles	max. 7 kg instruments / 1.8 kg textiles	max. 8 kg instruments / 2 kg textiles
Device dimensions (W x H x D)	47 x 50 x 64 cm (device fits on a 60 cm table top)			
Weight	48 kg	49 kg	48 kg	49 kg
Power supply	220 – 230 V / 50 – 60 Hz			
Power consumption	2.100 Watts			
Documentation interfaces	USB, network			

