

Pro and Prime Line

Legends. Reborn. The all-new class B and S autoclaves.





Medical and Surgical Requisites Pty Ltd

Quality - made in Germany

Pro-Class

HAS SHAPED AN ERA

Sold Worldwide. Loved Worldwide. 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 outstanding 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

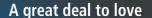
Do you already know the Pro-Class autoclaves? Then you will love the new generation of MELAG devices - from their functions to their price! The all-new Pro Line (as class B and S autoclaves) and Prime Line (as class B autoclaves) impress across the line: Astonishing performance, smart functions as well 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.



- Quality made in Germany for maximum 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 massive savings of electricity and water
- Ideal for your budget and instruments with class B and class S autoclaves

UM AFFORDABLE





Offer more. Need less.



Whether loading, sterilization or documentation - the compact MELAG class B and S 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

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.*

Less COST.

100 % more intuitive operation with Smart-Touch Display, LED status and

documentation via USB stick, the user experience is taken to the next level.



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.



COMMITMENT TO SUSTAINABILITY

SEAL OF APPROVAL 2023 The Pro and Prime Line combine environmental protection with economic efficiency. Thanks to the groundbreaking stand-alone concept, Power Save energy-saving function and DRYtelligence drying (included in the Prime Line), our autoclaves are the best solution - for your budget and the environment.

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.





Vacuclave 118 / 118 S & Vacuclave 123 / 123 S

Our entry-level models: The Pro Line class B or S autoclaves offers everything you need for a safe, convenient and resourcesaving sterilization.



Powerful class B or S 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

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 sterilization parameters via USB or network or log printout via MELAprint 80.



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

Vacuclave 318 & Vacuclave 323

Our price-performance champions: In addition to the presented product highlights, the Prime Line class B autoclaves impress 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

MELAprint 80 can be deployed to print barcode labels for marking and complete traceability of





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.



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



Unique as a product, unbeatable in a system:





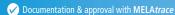


Packaging with MELAseal or MELAstore











✓ 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 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

Travs

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



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

Impressing across the line:

Discover the promising advantages

www.melag.com

of our new Pro and Prime Line

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

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 and clinics with an increased sterilization demand.

Order no. ME01047



MELAdem 53 / 53 C

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

Order no. for MELA*dem* 53: ME01038 Order no. for MELA*dem* 53 C: ME01036



MELA *jet*

enables the instruments to be sprayed with demineralized water.*

Order no. ME27300

*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.

Download MELAtrace now for free with 90-day trial license from www.melag.com



MELAprint 80

prints barcode labels for optimal labeling and traceability with MELA*trace* and the Prime Line or log files with the Pro and Prime Line.

Order no. ME01108



MELAcontrol Type 5

is used to check the sterilization
conditions (steam, temperature and
time) and can be added to wrapped
instruments as well as placed directly in
the chamber.

Order no. ME01077



MELAcontrol Helix

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

Order no. ME01080

Technical specifications



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

NEW	Programs of Pro Line (Class S autoclaves)	Vacuclave 118 S operating times (at minimum to maximum load)*	Vacuclave 123 S operating times (at minimum to maximum load)*	Drying (time controlled)	
Universal S	134 °C, holding time: 5.5 min	18 – 23 min	20 – 25 min	25 min	
Quick S	134 °C, holding time: 3.5 min	13 – 19 min	16 – 20 min	5 min	
Gentle S	121 °C, holding time: 20.5 min	33 – 37 min	36 – 38 min	25 min	
Prion S	134 °C, holding time: 20.5 min	33 – 38 min	35 – 40 min	25 min	

Programs of Pro Line (Class B autoclaves)		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 (Class B autoclaves)		Vacuclave 318 operating times	Vacuclave 323 operating times	Drying	
		(at minimum to maximum load) *	(at minimum to maximum load) *	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
QuickB	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

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

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 118 S	Vacuclave 123	Vacuclave 123 S	Vacuclave 318	Vacuclave 323
Order no.	ME10118	ME10118S	ME10123	ME10123S	ME10318	ME10323
Device type	Stand-alone autoclave (Compatible with additional water treatment unit)					
Autoclave class	Class B	Class S	Class B	Class S	Class B	Class B
Chamber size	ø 25 cm x 35 cm long	ø 25 cm x 35 cm long	ø 25 cm x 45 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	17 litres	23 litres	23 litres	17 litres	23 litres
Load quantity	max. 5 kg inst- ruments / 1.8 kg textiles	max. 4 kg instruments / 1 kg textiles	max. 6 kg instruments / 2 kg textiles	max. 5 kg instruments / 1 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			evice fits on a 60 cm to	able top)		
Weight	48 kg	46 kg	49 kg	47 kg	49 kg	49 kg
Power supply	220 – 230 V / 50 – 60 Hz					
Power consumption 2,100 Watts						
Documentation interfaces	USB network					

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