MELAG
competence in hygiene

Pro and Prime Line

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

#1 A PROfound leap of the world's best selling MELAG autoclaves

NEW as class S autoclave

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.

Made in Germany

Made in Germany. Made for You.

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

- **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
- NEW **Ideal for your budget and instruments**
  with class B and class S autoclaves

UNAFFORDABLE

A great deal to love

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 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.

We love infection control. And the environment.

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.

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.

2 sizes. 6 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 NEW (Class B or S autoclaves)

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 resource-saving 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 flexDRY drying from 1 min) - 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 MELA*print* 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 supply.

PrimeLine (Class B autoclaves)

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

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

Love the quality. Love the price.

Save even more:

The Pro Line class S autoclaves offer an even more affordable alternative for practices and clinics that do not require a class B autoclave due to the instruments used. Vacuclave 118 S and Vacuclave 123 S even sterilize packaged instruments with simple hollow bodies (e.g. hinged instruments such as scissors and needle holders).

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:

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

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

Steam sterilization with **Vacuclave**

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

Marking with **MELA*print* 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.

Impressing across the line:
Discover the promising advantages of our new Pro and Prime Line

www.melag.com

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 MELA*store* Boxes 100 for instrument sets.

Mounts:
Order no. ME82630 for 45 cm deep chamber
Order no. ME82620 for 35 cm deep chamber

Trays:
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

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:

MELA*dem* supplies high-quality demineralized water for optimum value retention of the autoclave and instruments.

MELA*dem* 40

is a compact ion exchanger system for practices and clinics with up to three sterilization cycles per day.

Order no. ME01049

MELA*dem* 47

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

Order no. ME01047

MELA*dem* 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 MELA*dem* 40 and MELA*dem* 53

3. Select further accessories for documentation:

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

MELA*trace*

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

MELA*print* 80

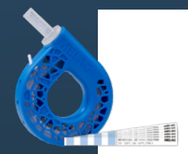
prints barcode labels for optimal labeling and traceability with MELA*trace* and the Prime Line or log files with the Pro and Prime Line.

Order no. ME01108

MELA*control* 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



MELA*control* Helix

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

Order no. ME01082

Facts and figures at a glance

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, plateau period: 5.5 min	18 – 23 min	20 – 25 min	25 min
Quick S	134 °C, plateau period: 3.5 min	13 – 19 min	16 – 20 min	5 min
Gentle S	121 °C, plateau period: 20.5 min	33 – 37 min	36 – 38 min	25 min
Prion S	134 °C, plateau period: 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, plateau period: 5.5 min	22 – 27 min	24 – 31 min	20 min
Quick S	134 °C, plateau period: 3.5 min	15 – 18 min	16 – 20 min	5 min
Quick B	134 °C, plateau period: 5.5 min	22 – 25 min	24 – 27 min	10 min
Gentle B	121 °C, plateau period: 20.5 min	37 – 42 min	39 – 47 min	20 min
Prion B	134 °C, plateau period: 20.5 min	37 – 42 min	37 – 48 min	20 min

Programs of Prime Line (Class B autoclaves)		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, plateau period: 5.5 min	22 – 27 min	24 – 31 min	> 1 min	20 min
Quick S	134 °C, plateau period: 3.5 min	15 – 18 min	16 – 20 min	> 1 min	5 min
QuickB	134 °C, plateau period: 5.5 min	22 – 25 min	24 – 27 min	> 1 min	10 min
Gentle B	121 °C, plateau period: 20.5 min	37 – 42 min	39 – 47 min	> 1 min	20 min
Prion B	134 °C, plateau period: 20.5 min	37 – 42 min	37 – 48 min	> 1 min	20 min
Heavy Duty B	134 °C, plateau period: 5.5 min	22 – 32 min	24 – 35 min	> 1 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.

** 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 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 34,8 cm long	ø 25 cm x 34,8 cm long	ø 25 cm x 46,8 cm long	ø 25 cm x 46,8 cm long	ø 25 cm x 34,8 cm long	ø 25 cm x 46,8 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 on a 60 cm table top)					
Weight	47 kg	45 kg	50 kg	48 kg	47 kg	50 kg
Power supply	220 – 230 V / 50 – 60 Hz					
Power consumption	2,100 Watts					
Documentation interfaces	USB, network					

PR-PRO-PRIME-LINE-EN I Rev. 4

Save paper, protect the environment:
In order to reduce paper, we provide you with electronic user documentation via our Download Center. Further information at: **www.melag.com**

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