

Not big.

The world's fastest autoclave!

But great.



Quality made in
Germany



Our quality formula for Vacuclave 105 & 305

Speed to the core. Quality all around.



Over 70 years

Focus on instrument reprocessing



Over 700,000 autoclaves

Successfully sold in over 100 countries



100 % Made in Germany

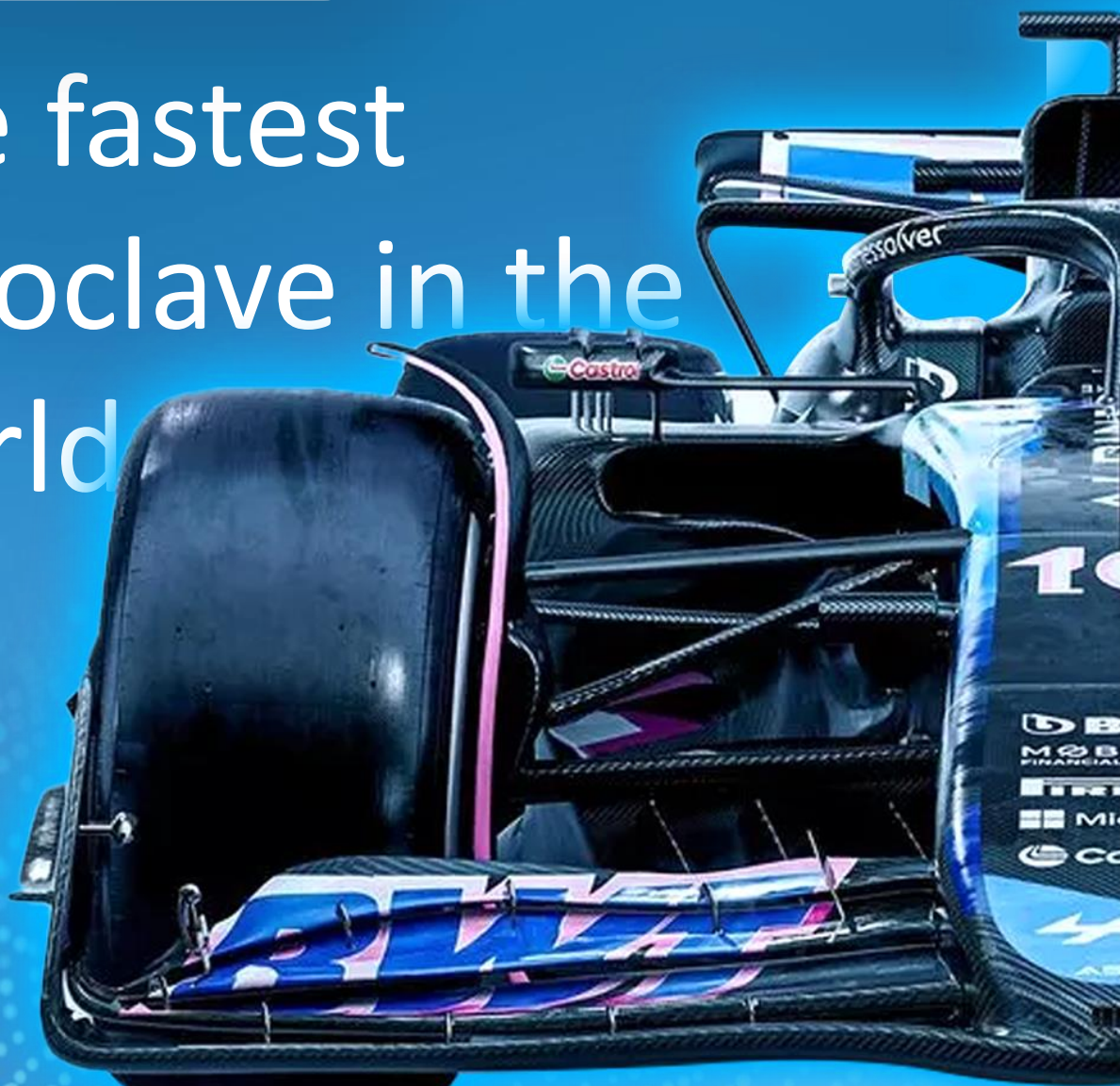
With development and production in Berlin





1

The fastest
autoclave in the
world



Fast has never been so fast before.
Fast has never been so fast before.
Fast has never been so fast before.
Fast has never been so fast before.

Up to **6x** faster cycle times
than conventional practice autoclaves.

World record

7 min

Cycle time of a practice autoclave: 40 min.



Cycle time with minimum load (plus drying)

Vacuclave 105 & 305

Made in Germany. Made for you.



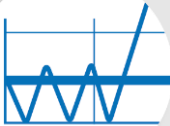
Large inside

With a load capacity of up to
2 kg on 2 trays



Small outside

5-liter autoclave with minimal
footprint



Special all around

Class B fractionated vacuum process
for all requirements



Small device.
Great performance.

Application field #1

The One and Only

Small autoclave for big dreams:
A faithful companion for practices
with a low volume of instruments.

➔ Highest hygiene standards
in the smallest space



Small device. Great performance.

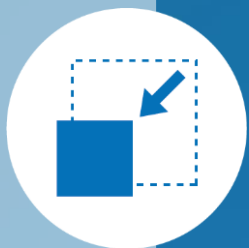
Application field #2

The Perfect Match

Every practice must sterilize – how long is your decision: As an addition to the practice autoclave for quick sterilization of high-value instruments between treatments.

→ Reducing the number of instrument sets required





60 %
Space saving *



50 %
Less weight *



100 %
Plug & Play installation



* Compared to a conventional practice autoclave

Vacuclave 105 *(Pro Line)*

The small autoclave with large features:

- ✓ **Ahead of the times: In all programs.**
Class S / B sterilization in just 7 to 15 minutes (plus drying)
- ✓ **The drying process: As individual as you are.**
Freely adjustable drying time for maximum flexibility
- ✓ **Magical operation: As simple as your smartphone.**
The large Smart Touch Display simply makes everything easier
- ✓ **On the safe side: in every way.**
Documentation via USB, network or printout with MELAprint 80
- ✓ **Ready. Set. Installed.**
Location-independent plug & play installation thanks to stand-alone concept
- ✓ **Loves your instruments. And the environment.**
Power Save energy-saving mode for top energy efficiency



List price: **3,650 €**

Deliverable: **End of August 2024**

Drying as individual as you are.

Individual drying times for individual requirements

The drying process with flexDRY

The freely programmable flexDRY drying system allows you to adjust the drying time from 1 to 60 minutes to suit your workflow and load.



→ Save valuable time in your everyday work.

Vacuclave 305

The Plus for perfect drying results and complete traceability:



**DRYtelligence
drying**



**ProControl
batch
approval**



**Printing
labels with
MELAprint 80**



MELAG

Vacuclave 305 *(Prime Line)*

Grows beyond itself.

Vacuclave 305 combines the product highlights of the Vacuclave 105 with outstanding drying results and traceable batch approval:

- + DRYtelligence drying**
The intelligent algorithm not only enables optimum results, but also reduces the drying time by up to 80 %.
- + ProControl batch approval**
ProControl enables batch release and user authentication directly on the display without an additional software solution.
- + Barcode label printing**
MELAprint 80 is used to print barcode labels for the marking and complete traceability of instruments.



List price: **3,930 €**

Deliverable: **End of August 2024**

2x USB and
1x Ethernet interfaces

2x trays in the
size 29 x 18 cm
(Order no.: ME23446)



EasyCare: Easy access to the bacteria and
dust filter and for cleaning the chamber



Simple installation with
external canisters and
highly effective air
cooling.

5 liter waste water
canister is in the
scope of delivery.





	Pro Line Vacuclave 105	Prime Line Vacuclave 305	MELAquick 12+	MELAtronic 15 EN+
Device type	Stand-alone	Stand-alone	Stand-alone	Stand-alone
EN 13060 classification	Type B	Type B	Type S	Type S
Smart-Touch Display	4.3"	4.3"	X	X
Chamber size	5 liters	5 liters	1.35 liters	7 liters
Loading capacity	2 kg unpacked / 1.5 kg packed	2 kg unpacked / 1.5 kg packed	1 kg unpacked / 0.27 kg packed	2 kg unpacked / 1 kg packed
Number of trays	2 trays	2 trays	1 basket	3 trays
Cycle time (without drying)*	7 – 15 min*	7 – 15 min*	7 – 15 min*	10 – 21 min*
Energy saving function	✓	✓	✗	✗
Conductance measurement	✓	✓	✓	✓
Integrated documentation media	✓	✓	✗	✗
ProControl batch approval	✗	✓	✗	✗
Printing barcode labels	✗	✓	✗	✗
DRYtelligence drying	✗	✓	✗	✗
Freely programmable flexDry drying	✓	✓	✗	✗
Maintenance cycles	4,000 cycles or 2 years	4,000 cycles or 2 years	3,000 cycles or 2 years	1,000 cycles or 2 years

* Cycle time with minimum load (plus drying)

Figures. Data. Facts.

The technical data at a glance.

Programs Vacuclave 105 (with time-controlled drying)		
Universal B	9 – 15 min (8 min drying)	134° C, Plateau time: 3.5 min
Quick S	7 – 12 min (5 min drying)	134° C, Plateau time: 3.5 min
Prion B	27 – 33 min (8 min drying)	134° C, Plateau time: 20.5 min
Gentle B	26 – 32 min (20 min drying)	121° C, Plateau time: 20.5 min

Programs Vacuclave 305 (with DRYtelligence drying)		
Universal B	9 – 15 min (From 1 min drying)	134° C, Plateau time: 3.5 min
Quick S	7 – 12 min (From 1 min drying)	134° C, Plateau time: 3.5 min
Prion B	27 – 33 min (From 1 min drying)	134° C, Plateau time: 20.5 min
Gentle B	26 – 32 min (From 1 min drying)	121° C, Plateau time: 20.5 min

	Pro Line	Prime Line
	Vacuclave 105	Vacuclave 305
Order no.:	ME10105	ME10305
Device type	Stand-alone autoclave (with external canisters)	
Autoclave Class	Class B	
Chamber size	8 x 20.3 x 31 cm	
Chamber volume	5 liters	
Max. Loading	2 kg instruments / 0.45 kg textiles	
Device dimensions (W x H x D)	30 x 30 x 59 cm	
Weight	28 kg	
Power supply	200 – 230 V / 50 – 60 Hz	
Power consumption	2,100 Watt	
Documentation interfaces	2 x USB, Ethernet	



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World record:
Sterilization in only 7 min

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