

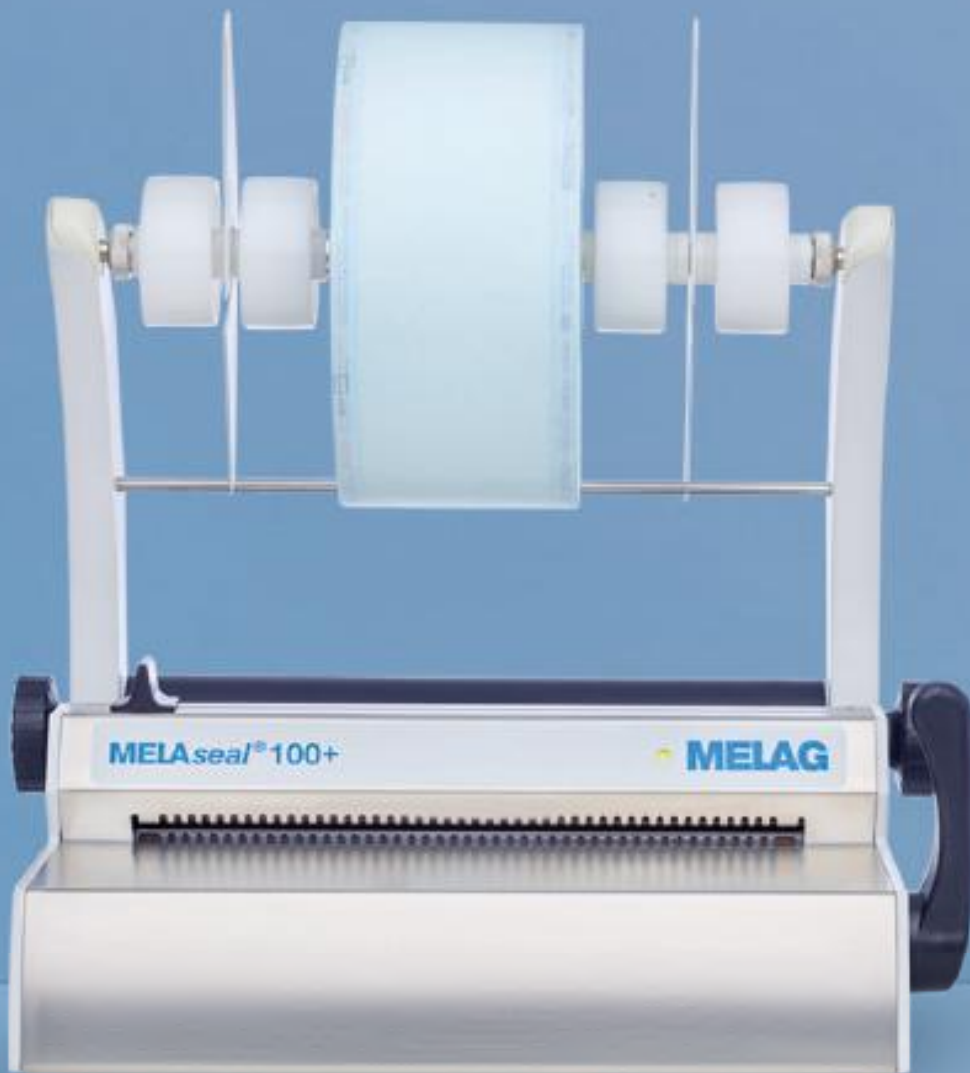
**MELAG**

competence in hygiene

**UNICORN  
DenMart** <sup>®</sup>  
Behind The Best Indian Dentists

# The MELAseal<sup>®</sup> Series

Main advantage of MELAG sealing devices:  
More time for your patients.



  
Quality – made in Germany

# MELAG sealing devices

## Outstanding quality for efficient workflows.

Our priority is your satisfaction: Rely on innovative solutions for instrument decontamination made in Germany. As a strong partner by your side, MELAG guarantees:



**Experience**  
Specialization  
since 1951



**Trust**  
Over 100.000 satisfied  
MELAseal® customers



**Innovation**  
180 specialized  
engineers



**System solution**  
Instrument decontamination  
from a one-stop provider



**Quality**  
Made in Germany

## Tailored to your individual needs.

MELAG sealing devices guarantee an efficient packaging process in practice and clinic. Benefit from our wide range of products and select the sealing device that best fits your needs:



### MELAseal® 100+

#### Compact bar sealing device

- ✓ **Speed:** Short pre-heating and sealing times
- ✓ **Efficiency:** Saving service costs by maintenance-free operation
- ✓ **Safety:** Monitoring of sealing time and sealing temperature

## Customer reviews



*„The MELAG system solution covers the entire instrument decontamination workflow to guarantee our patients' best-possible protection and care.“*

Clinic of Maryam Taleh



*„The aligned MELAG products save time whilst providing the highest level of safety for patients and practice staff alike.“*

Clinic of Frank Bachmann



*„We have found a reliable and high-performing partner for the best-possible reprocessing workflow: MELAG provides a perfect level of protection and efficiency in our clinic.“*

Clinic GesichtsPunkt

# MELAseal® 100+

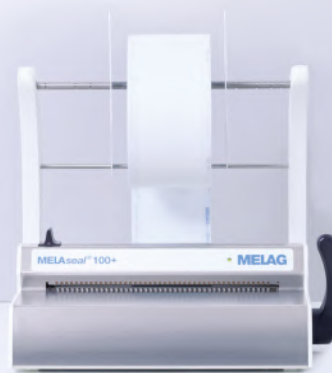
## Unique in price and performance.

The tried-and-tested concept of MELAseal® 100+ provides a reliable solution for your packaging process. The sealing device combines performance with functionality: Seal transparent sterilization packaging without pause after a pre-heating time of only four minutes. The integrated electronics of the device monitors the sealing temperature and time. The acoustic and visual signal facilitate the evaluation of the seal seam quality. The individually adjustable thermostat permits the flexible use of versatile sterilization packaging.

MELAseal® 100+ with a 10 mm seal seam width significantly exceeds the prescribed width of 6 mm required by EN 868-5, thus guaranteeing additional safety.

### The product highlights:

- ✓ Short pre-heating and sealing times guarantee **quick sealing processes**
- ✓ **Compact dimensions** take up a minimum amount of space on your worktop
- ✓ Acoustic and visual signals ensure the proper **monitoring of the sealing time and temperature**
- ✓ **Customizable:** The lever can be set on the right or left-hand side
- ✓ **Maintenance-free** operation eliminates service costs

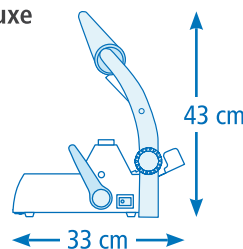


### Versatile range of reel dispensers

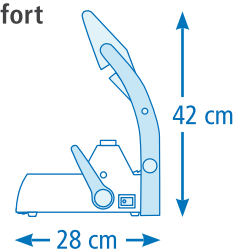
The ergonomically designed reel dispensers enable effortless feeding of the transparent sterilization packaging. The integrated cutting unit allows you to customize the film packaging to the individual needs and sizes of the instruments.



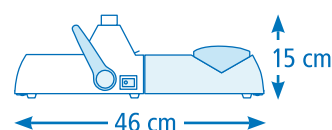
+ Deluxe



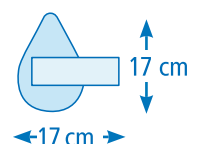
+ Comfort



+ Standard



+ Wall-mounted reel dispenser

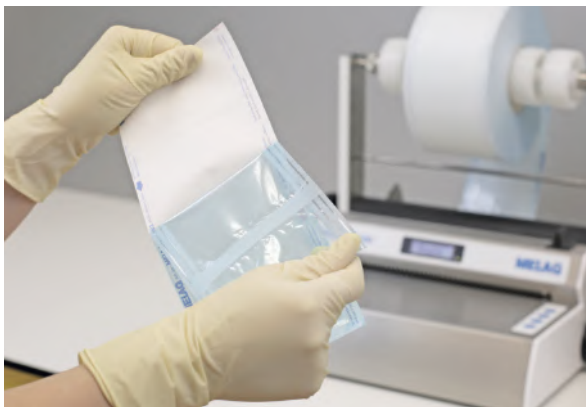


# Routine checks of sealing devices

## Maximum safety. Minimum costs.

The MELAG test procedures perform quick and affordable routine checks of your sealing devices, thereby ensuring legal compliance. Our aligned solutions work precisely to prove the quality and reproducibility of your seal seams. An overview of the tests to be performed on a daily, monthly and annual basis:

### Peel test



Please make sure to carry out the peel test on a **daily** basis, preferably before starting work: The tested seal seam must be even and complete.

Subsequently, **check the seal seam** manually. To do so, please sterilize the sealed packaging, take it from the autoclave and pull the seal seam apart slowly in the peel direction. The film must detach from the paper with almost no residue.

### MELAcontrol Seal Check



The **daily MELAcontrol Seal Check** verifies the quality of the seal seam in accordance with DIN EN ISO 11607-2.

Place the seal check into the pouch and seal the packaging so that the generated seal seam runs centrally across the entire test strip. The indicator paper of the **MELAcontrol Seal Check** enables you to evaluate the seal seam reliably. The test is successful if the complete seal seam shows an even coloration and sharp contours without any faults, wrinkles or bubbles.

### MELAcontrol Ink Test



The **MELAcontrol Ink test** is a reliable test for performing a **weekly** routine check of the seal seam for leaks in accordance with DIN EN ISO 11607-1 and ASTM F1929-12.

Seal the disposable **MELAcontrol Ink test** into the transparent packaging. Carefully apply pressure to the ink bag until it bursts. The ink will leak into the sealed pouch guaranteeing the reliable visual check of the seal seams, revealing irregularities, flaws or channels in the seal seams.

### Seal seam stability test



In order to validate packaging processes and to evaluate the performance of sealing devices, hygiene experts strongly recommend the seal seam stability test as an **annual** routine check.

The **MELAG seal seam stability test** is a standardized test procedure for the qualification of your MELAsea<sup>®</sup> sealing device in accordance with DIN EN 868-5, Appendix D. MELAG performs the test with a highly-precise testing machine for guaranteed valid results.

# The MELAG system solution

## Your one-stop provider for instrument reprocessing.

The MELAG sealing devices constitute an important element of an efficient instrument decontamination workflow. Their perfect alignment with MELAG autoclaves and washer-disinfectors results in even more efficient operating procedures whilst providing the best-possible protection for patients and staff.

Take advantage of the benefits of the MELAG system solution with products from the leading manufacturer in practice hygiene:



**Personal**  
One contact partner for all of your questions



**Efficient**  
Reducing costs by synchronising the service



**Process-optimized**  
Perfect alignment of the workflow and operation

Are you looking to improve your decontamination workflow even further? Then why not enhance the efficiency and quality of your packaging process with MELAstore®. The MELAG wash trays and sterilization containers provide increased **standardization** to save time in the packaging of instrument sets and to reduce material costs and practice waste through a significantly lower need for sterilization packaging.

## The instrument decontamination process:



✓ Sterilization with MELAG autoclaves



✓ Packaging with MELAseal® and MELAstore®



✓ Documentation and approval with MELAtrace



✓ Labelling with MELAprint® 60

## Technical data

### Figures and facts at a glance.



	MELAseal® 100+
Device type	Bar sealing device
Validatable	no
Documentation interface	no
Device dimensions (W x D x H)	41,5 x 24 x 15 cm
Weight	5,4 kg
Electrical connection	230 V / 50/60 Hz
Power Input	300 watts
Pre-heating time	200 sec.
Sealing duration / speed	ca. 4 sec.
Temperature range	100 - 210 °C
Seal seam width	10 mm
Seal seam length	max. 275 mm
Integrated cutting unit	yes
Order no.	10211

## *CLINICAL EQUIPMENT*

# **DENTAL SEALER**



- ✦ The effective heating control and high-quality performance because of the automatic temperature adjustment and stand-by system
- ✦ A reminder system prevents overheating during sealing
- ✦ The smart operation pad allows choosing the exact bag length to save the paper
- ✦ 12mm sealing seam can definitely guarantee the legal requirements of sterilization
- ✦ Power: 80W




WHERE **TRUST** COMES **FIRST**



**Warranty Ke Saath Bhi  
Warranty Ke Baad Bhi**

**For any Sales & Support**

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 [sales@unicorndenmart.com](mailto:sales@unicorndenmart.com)



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\* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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