



# One concept - two MELAseal

## MELAseal®100 „standard“

The MELAseal®100 „standard“ is designed for dental and medical practices in which a great number of instruments must be sealed in see-through sterilization packages (for example, MELAfol®) within certain narrow time limits: e.g., before lunch breaks or at the end of consulting hours. If this machine is cold, it requires approx. 2 minutes to heat up before sealing can begin. The packages can then be sealed one after the other, without interruption. If sealing then stops, the MELAseal®100 „standard“ goes into standby mode and consumes a small amount of power until it is switched off. One major benefit of the MELAseal®100 „standard“ is that it has a non-wear aluminium sealing rail that will last the lifetime of the machine.



MELAseal® with reel dispenser „standard“

## MELAseal®101 „comfortable“

The MELAseal®101 „comfortable“ requires no warm-up time. Sealing is possible immediately at any time, one package after the other, with short pauses (5 sec.). The duration of the sealing is shown by a signal lamp. No power is consumed if no sealing is being performed. The Tefloncoating of the sealing rail enables this benefit by uniformly distributing the heat. This Teflon strip can be damaged by overheating or by accidentally placing an instrument between the pressure bar and the sealing rail, but replacement is very simple and cheap.

## Quick and easy sealing of sterilization packages

MELAseal® produces package sealing seams with a width of 10 mm (DIN 58953 requires only 8 mm): with precise sealing pressure, and without physical strain on the operator. To ensure sufficiently strong and exactly defined sealing pressure, MELAseal® features an eccentric pressing lever that makes operation simple and easy. You can attach the handle on the right or left side, depending on your needs and the space available in your practice.



MELAseal® with reel dispenser „comfortable“

# MELAG® Package Sealing Devices

## Reliable sealing

In order to seal sterilization packages that will remain safely and securely sealed, two elements are essential: the correct temperature, and the required sealing pressure. Weak or uneven pressure will result in faulty sealing seams. This is why MELAseal® has a pressure bar that is supported on both sides and that reliably prevents such faulty seams.

## Fast sealing

The see-through sterilization packages (one side transparent film, one side paper) is placed on the sealing rail with the paper side down. When the handle is operated, the pressure bar is pressed onto the sealing rail, and the sealing process is automatically triggered. Once the sealing seam is finished, the operator moves the handle up again. The continuously variable thermostat enables free selection of the sealing temperature.

## With cutter

While one sterilization package is still being sealed, the cutter integrated into the MELAseal® enables cutting the required length of package film from the roll. This is quick and easy and time-saving.

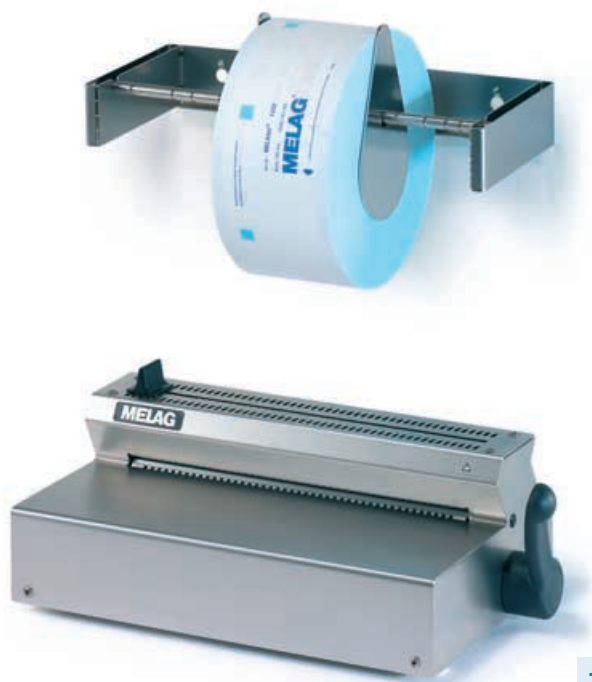
## A selection of 3 roll holders

Three roll holders are available for the MELAseal®:

**The reel dispenser „standard“** (Article no. 110) is practical and economical, although it requires a little more space behind the MELAseal® unit. Since the rolls are not guided on the sides, they may rock back and forth if the user unrolls the film forward too fast.

**The reel dispenser „comfortable“** (article no. 111) is very space-saving, since the rolls are located above the sealing unit. The stable spacers that lock onto the support rail provide handy lateral support for the rolls. Just compare this quality advantage over other models in which the rolls hang loose on the rod and slide back and forth when unrolling – or even unroll out of control.

**The reel dispenser for wall mounting** (article no. 106) offers all the advantages of stable roll control, as offered by the „comfortable“ model. But it is even more space-saving, since it can be mounted on the wall, or inside a wall cabinet located directly above the MELAseal®. The MELAseal® unit itself is also prepared for wall mounting, as a standard feature.



MELAseal® with reel dispenser for wall mounting

### Technical data:

Beside the a. m. differences both MELAseal® are identically.

| MELAseal®100 / MELAseal®101   |                              |
|---|------------------------------|
| Dimensions (D x W x H in cm)  |                              |
| MELAseal® with handle   | 19 x 42 x 11                 |
| MELAseal® 100 with reel dispenser „standard“ (with MELAfol®-rolls)    | 42 x 45 x 30                 |
| MELAseal® 100 with reel dispenser „comfortable“ (with MELAfol®-rolls) | 42 x 25 x 40                 |
| Reel dispenser wall mounted (with MELAfol®-rolls)                     | 25 x 32 x 20                 |
| Power supply  | 230 Volt / 50 Hz / 510 watts |
| Weight  | 6.8 kg                       |

## MELAfol®-sterilization packages available as rolls or as bags

MELAfol® is a combination paper-film package. It is microbe-proof, resistant to tearing, highly transparent, capable of heat-sealing, wrinkle-resistant, and easy to open (with peelable sealing seams). The MELAfol® has a treatment indicator in accordance with DIN 58953, Part 4, that turns from blue to brown during steam sterilization. Additional attachment of indicator strips is not necessary. The package is opened by pulling apart the 10-mm-wide seal in the direction of the arrow. Limit of storage (e.g., protected from dust in a drawer) is up to 6 months as per DIN 58953.

### Zur Abnahme: K O R R E K T U R

|  |               |
|--|---------------|
| <input type="radio"/> ist fertigungsreif           | TAG:          |
| <input type="radio"/> fertigungsreif nach Änderung | UNTERSCHRIFT: |
| <input type="radio"/> wird nochmals gewünscht      |               |

Zutreffendes bitte ankreuzen. Für nicht reklamierte Fehler übernehmen wir keine Verantwortung.

#### MELAfol®-rolls (Length 200 metres)

| Width | Order-no. |
|-------|-----------|
| 5cm   | 502       |
| 7.5cm | 752       |
| 10cm  | 1002      |
| 15cm  | 1502      |
| 20cm  | 2002      |
| 25cm  | 2502      |

#### MELAfol®-bags (1.000 pieces)

| Dimensions   | Order-no. |
|--------------|-----------|
| 5cm x 25cm   | 501       |
| 7.5cm x 25cm | 751       |
| 10cm x 25cm  | 1001      |

#### MELAfol®-bags with fold (100 pieces)

| Dimensions  | Order-no. |
|-------------|-----------|
| 20cm x 50cm | 2051      |

## MELAdoc-label printer for sterilization packages

With MELAdoc, you provide a closed documentation chain for the sterilization of your instruments: All the way up to the point where the instruments are used on the patient. If your surgery or practice is inspected by the authorities, for example, you can simply and quickly prove that the instruments have been completely and faultlessly sterilized. The special MELAdoc labels are directly adhered to the MELAG see-through sterilization packaging: they show all required data on the date of sterilization, the use-by date of the sterilized instruments, the name of the operator, and

the batch number. In this way, it is quick and easy to trace when the instruments were sterilized, and until when they are safely protected from contamination. After the instruments are taken from the packages and used, the labels can be peeled off the instruments bags and directly adhered to the patient's files for proof of sterilization.

| MELAdoc-labeling-system                                      | Order-No. |
|--|-----------|
| MELAdoc-label printer<br>(Delivered with one roll of labels) | 01095     |
| 6 rolls à 750 labels<br>(inclusive 1 ink roller)             | 01096     |



## Quality und precision for most exacting hygienic requirements

More than 50 years ago, MELAG began in Berlin to specialize in the manufacture of sterilization equipment. As a result of high-level quality consciousness, reliability, and innovative eagerness – together with the strictest in safety objectives – the family-run enterprise MELAG has succeeded in becoming a leading

producers of sterilization equipment. Verification of this success has been the sale of more than 345,000 MELAG units around the world. Decades of experience, modern computer-aided production technology in application on over 7,000 sq. metres of production floor, the employment of highest-quality materials, and an experienced and reliable staff – all these have made MELAG equipment renowned for its quality and convenience of operation. MELAG corporate policy includes systematic specialization in a limited line of products. This makes it possible for MELAG as a suc-

cessful medium-size business to employ its highly specialized development team to effectively satisfy market demands and to further develop the MELAG line of products on a leading international level. The entire MELAG staff is proud to have made an important contribution to the protection of the health of patients and of medical staff, with the equipment and accessories it produces for reliable sterilization and safe storage of sterilized articles.



[www.melag.com](http://www.melag.com)

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