

MELAtronic® 15EN+

Now available with drying



MELAG
competence in hygiene

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MELAtronic®15EN+

A „plus“ for the automatic drying! The new MELAtronic®15EN+

Thousands of practices have come to appreciate value of the MELAtronic®15EN over the years. Why are we replacing this tried and tested autoclave with the MELAtronic®15EN+? A significant reason was the extension of health inspections to practices. Formerly restricted to hospitals and surgical outpatient's clinics, these have recently been extended to encompass general medical and dental surgeries. Even chiropodists are now subject to official inspections. Despite its status as a standard practice autoclave with class „S“ programmes, the MELAtronic®15EN was subject to (very minor) criticism regarding the result of instrument drying subsequent to the sterilization process.

Taking on board these criticisms, the new MELAtronic®15EN+ combines the proven technology of its predecessor with an automatic drying function. The innovate drying system produces ready-to-use dry unwrapped and wrapped instruments following the end of the sterilization procedure.

Active drying for wrapped instruments

The removal of dry, wrapped equipment following sterilization is an important precondition for the long-term and contamination-protected storage of wrapped instruments. The European standard for small autoclaves EN 13060 sets the highest requirements for drying. A residual dampness of 0.2% may not be exceeded for instruments. MELAtronic®15EN+ satisfies these standards through the use of an effective drying pump.

An innovative water system - instrument protection

The quality of the distilled or de-mineralized water used is decisive in ensuring the protection and value-retention of the instruments. The conductivity measurement device integrated in the MELAtronic®15EN+ monitors water quality and issues a warning if fails to correspond with the requirements placed on the treatment process. If the quality falls below a specific standard, the autoclave can only be started if it is first filled with fresh, faultless water.

The MELAtronic®15EN+ provides the choice between the water-saving circulation system or the single use system, which uses fresh water for every sterilization run.



Secure and easy documentation

Documentation of the hygiene measures carried out is a legal requirement. The serial interface integrated in the device enables the connection of a MELAflash® CF-Card-Printer. In this way, all sterilization-relevant data is automatically written onto a CF-Card. This is then saved and can be printed or transferred to the practice PC at a later date. Alternatively, you can archive the data via direct connection of the autoclave to the PC or the MELAprint® 42 log printer.



MELAflash® CF-Card-Printer
with a MELAflash® CF-Card

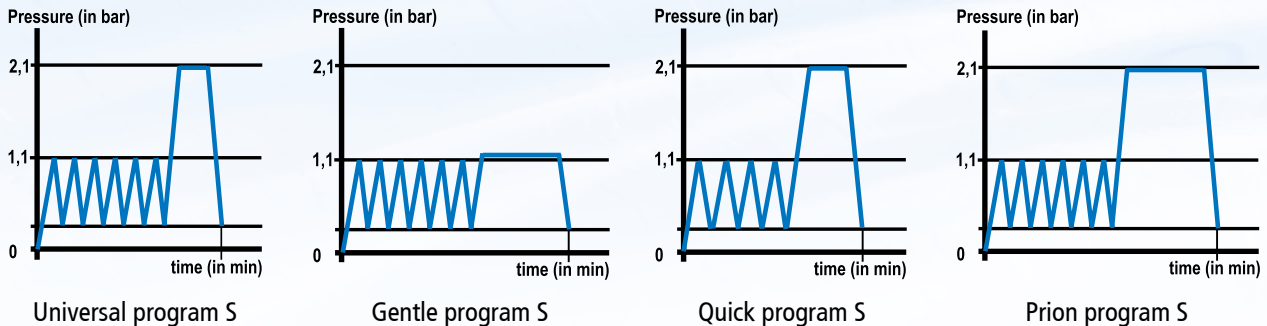


Log printer MELAprint® 42



Programs and Times

The MELAtronic®15EN+ provides four sterilization programmes for surgery use. The Quick program (134°C) is suitable for unwrapped instruments and takes only 10 minutes (additionally drying). The Universal program (134°C) and the Prion program (134°C) also provide quick turnaround times. The Gentle program works at lower temperatures (121°C) and is especially suitable for thermo-unstable instruments.



	Universal program S	Gentle program S	Quick program S	Prion program S
Instruments, wrapped	21 min.	-	-	35 min.
Instruments, unwrapped	15 min.	30 min.	10 min.	31 min.
Textiles, wrapped	19 min.	-	-	34 min.
Drying time	33 min.	34 min.	15 min.	33 min.

	MELAtronic®15EN+
Exterior dimensions (W x H x D):	44cm x 33cm x 50cm
Chamber / volume:	Ø 15cm x 38 cm, 7 Litres
Tray (order-no. 00150):	35cm x 12cm x 2cm
Maximum load:	2Kg instruments
Electrical connection:	220-240V; 50/60Hz; 1,500W
Weight:	19Kg

Quality and precision satisfying the highest quality requirements

Located in Berlin, MELAG has gathered nearly 60 years of experience as a specialist manufacturer of sterilizers. Our focus on quality and sound practice, openness to innovation and the precedence which we accord to safety established our reputation as one of the leading manufacturers in this area. We have delivered over 420,000 machines to destinations around the world and thus represent one of the world market-leaders in our area of expertise "hygiene." Our entire product range is developed and produced in Berlin on a surface area of c. 20,000 m².

The commercial philosophy of our second generation family concern foresees consistent specialization on a restricted manufacturing program. As a result, our highly-specialized development team of 50 engineers is able to maintain and develop our product range so as to cater to market needs and maintain and improve our world-beating standards.



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