stomdevice

MELAdest® 65

For cost-effective production of distilled water



The problem

Tap water can fluctuate greatly in quality – but it is never good enough for use in an autoclave. Poor-quality feed water produces residue on the instruments and, after long periods of action, will damage these valuable objects.

The solution

This serious problem called for a solution: provision of small amounts of top-quality water for physicians and dentists in their daily work. MELAG now presents this solution for supplying distilled water, fast and economically: the MELA*dest*® *65*.

MELA*dest*® operation

Tap water is filled into the stainless steel chamber of the MELA*dest*® *65*. After start of the distiller, the water is heated, evaporated, and condensed at the top of the unit. The produced distilled water is collected in the included water container.

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Evidence Based Sterilization

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

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aqua dest
for many uses

Almost all physicians and dentists require distilled water in their surgeries: for use in autoclaves, instrument preparation, development of X-ray film, mixing of embedding compounds, work with steam cleaners, and general laboratory operations.

MELA*dest*® *65* delivers high-quality distilled water that fulfils all requirements of such use.

Pure water
means quality assurance

For example: you can best protect your autoclave and your expensive instruments by using superior-quality water. Instruments have fewer spots and stains, since proper distillation of water removes calcium carbonate, silicic acid, cations and anions, dangerous chlorides, and organic substances such as hydrocarbons. This means longer service life for autoclaves and instruments – and a reduction in costs in your medical practice.

Especially important today:
Reduction of operating costs

Today, in an age of falling revenues and budgetary cutbacks, it is especially important to reduce operating expenses where most simply feasible. Production of distilled water with MELA*dest*® *65* is the most cost-effective method.

With its electrical rating of only 800 W, the MELA*dest*® *65* produces high-quality distilled water at only a fraction of the cost you pay for demineralised water alone in a supermarket, petrol station, etc.

As a result, purchase of a MELA*dest*® *65* pays for itself very soon. Another major advantage with your own production is that you don't have to purchase cans of water, transport them to your surgery, and dispose of them after use.

Technical data:

Power ratings	800 Watt / 230 V / 50 Hz
External dimensions (diam. x H)	ca. 23 x 38 cm
Volume of water storage tank	4 litres
Output per hour	ca. 0.7 litres
Weight (net)	3 kg



Performance diagram	Tap water (app. values)	MELA*dest*®*65* (distilled water)
Conductivity in µS/cm	830	1
Hardness (dH)	28.5	0.02
Nitrate (mg/litre)	32.8	0.1
Chlorine (mg/litre)	36.2	0.05
Phosphate (mg/litre)	1.1	0.02
Sodium (mg/litre)	0.6	0.07
Atrazin mg/litre)	18.5	0.02
pH	7.5	5.9

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 top-level quality consciousness, reliability, and innovative eagerness – together with the highest in safety objectives – the family-run enterprise MELAG has succeeded in becoming a leading producer 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 on over 7,000 sq. metres of production floor, 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. In this way it is possible for MELAG as a successful medium-sized 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.



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