

125
years
DENTAURUM
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Dublitherm
compact

Innovative melting and cooling technology



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Combi mixing unit with inbuilt cutter-function

Fast and economical operation.

The dublitherm compact has a very powerful mixing mechanism. The special design of the two contra-rotating mixing wings with integrated knife edges guarantees safe and quick blending of the duplicating gel. This, in addition to its powerful motor, means that even already solidified material can be directly melted without requiring the material to be chopped manually in advance. This saves time and is more straightforward.



Revolutionary Cooling Concept

Rapid cooling for fast operation.

A newly developed cooling unit is responsible for extremely rapid cooling. Different from other units on the market, the cooling air is passed through a flow channel with computer-calculated geometry. This makes cooling faster, more effective and energy saving.



Special outlet valve

No blockage through set duplicating material

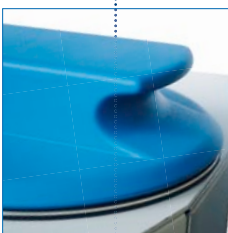
This detail was developed with the aid of modern CAD-CAM technology. The result: The duplicating material can always be poured accurately without the risk of blockage to the outlet valve.



Programflow controlled by microprocessor

Simple and safe operation

The Dublitherm compact's central control unit is of user-friendly design and construction. This guarantees quick, simple and exact operation. The time to start can be programmed individually.



Reversible Agar duplicating material – at a glance

	Dublithop®	Duplikat	Dubliform	Dubliplast®	DubliGel
Material characteristics	Opaque, sharp contrast, top quality material with silicone similar characteristics	Outstanding transparent material, well proven top quality	Well proven, inexpensive, quality duplicating gel	Universal quality duplicating gel for plaster and investment materials	Special gel for secondary casts
	Excellent for microwave melting, high discolouration resistance of plaster models, strengthened with nanoparticles	Precision gel with well matched characteristics	Especially good value for money	Highest discolouration resistance of plaster models	Very economical gel for plaster

Ordering information

Package size REF	Container (5 kg) 108-610-00	Container (6 kg) 108-600-00	Container (6 kg) 108-500-00	Container (5 kg) 165-500-00	Container (5 kg) 165-501-00
Package size REF	Packaged portions Micro (4 x 350 g) 108-615-00	Concentrate (3 l) 108-605-00	Concentrate (2,5 l) 108-550-00	Concentrate (2,5 l) 165-550-00	

Suitable for all duplicating gels

A free choice of Agar based duplicating materials

Due to its universal use with various duplicating gels, the dublitherm compact proves itself to be a very economical machine.



Rapid but gentle material heating

Long shelf life for duplicating gels – economical use

The energy generation of the powerful heating element is ideally suited and therefore kind to the material. This means a longer material lifetime with, at the same time, stable characteristics for constantly good duplicating results. The heat-insulating lid eliminates loss of heating energy; the lid's sealing action prevents water evaporation.



Precise temperature control with overheating protection

Constant, ideal processing temperature for top-class results.

The heart of the Dublitherm compact is its precise temperature control: two independent heating circuits, three integrated precision thermal sensors and a mixing pot made from a special alloy with excellent heat conduction. This keeps the temperature within an ideal region. Furthermore, this ensures the temperature is evenly distributed throughout the entire volume. This way a larger amount can be taken at the same time, at an ideal working temperature. Over heating is effectively avoided.





Technical information

Mains connection	230 V / 50/60 Hz
Power	700 W
Energy required for consistent heating	70 W
Capacity	2,5 kg
Melt and cooling time	ca. 80 min
Temperature ranges	
Melting temperature T _s	90...95 °C / 194...203 °F
Working temperature T _A	45...60 °C / 113...131 °F
Machine fuse	4,0 A TH
Dimensions [width x height x depth]	360 x 340 x 440 mm
Weight	19 kg
REF	094-782-00

▶ Additional information regarding Dentaaurum products can be found in the internet.

www.dentaaurum.de

Date of information: 05/11

Subject to modifications

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