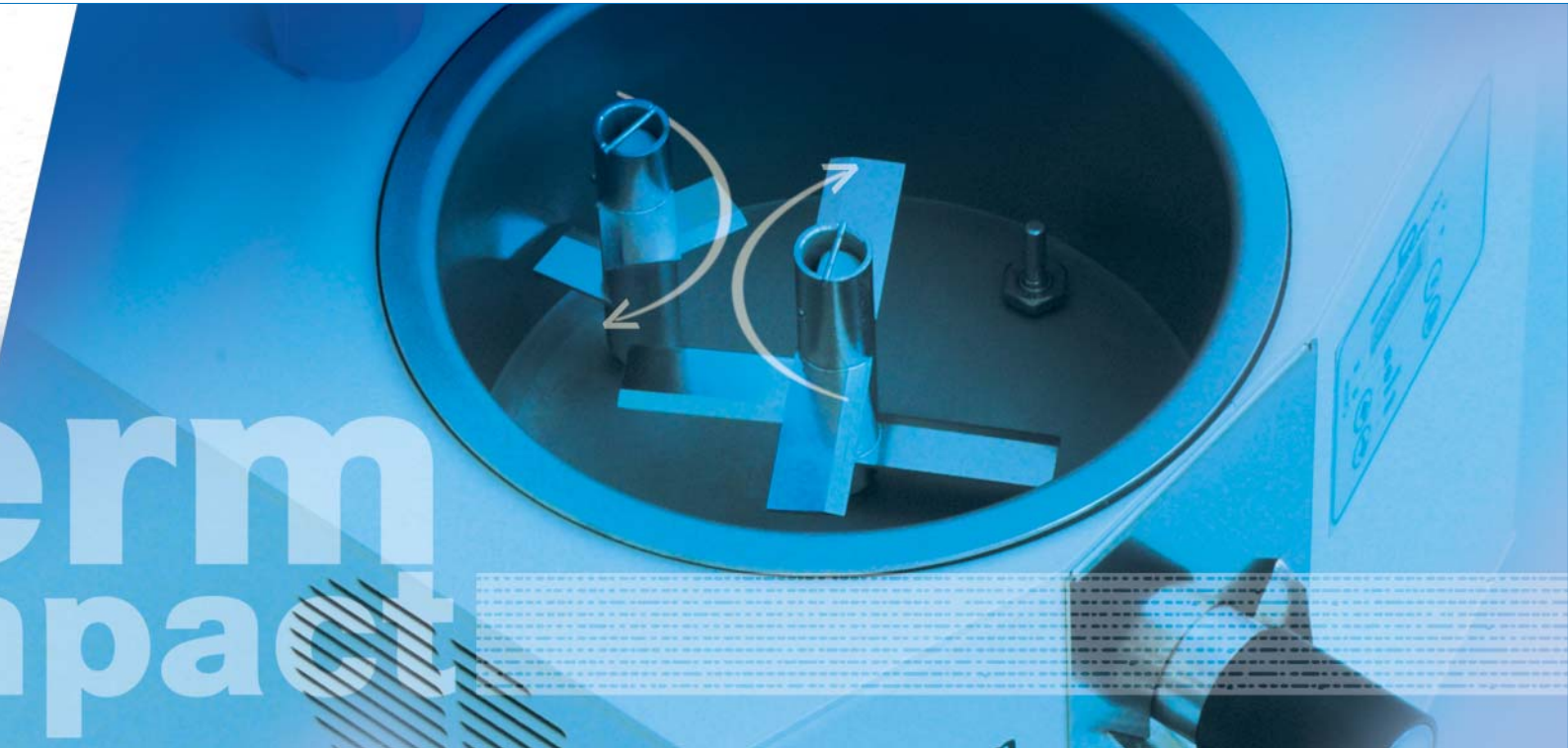


heart".



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	approx. 60 min
Temperature ranges	
Melting temperature T_S	90...95 °C / 194...203 °F
Working temperature T_A	45...55 °C / 113...131 °F
Machine fuse	4.0 A TH
Dimensions [width x height x depth]	360 x 340 x 440 mm
Weight	18 kg
REF	094-782-00

Our dental technical advisors are available to answer questions you may have regarding the processing any of our products.

Customer support	+49 72 31 / 803-410
Fax	+4972 31 / 803-295
Orders	+49 72 31 / 803-353

▶ Additional information regarding Dentaurem products can be found on the internet.

www.dentaurem.de

▶ Also note our special course offers:
Further information can be obtained by contacting our hotline: +49 72 31 / 803-470

Date of information: 03/06





Dublitherm compact

The first in a new generation of duplicating units.
Designed to "melt your heart".



Designed to "melt your



Combi mixing unit with inbuilt cutter-function

Fast and economical operation.

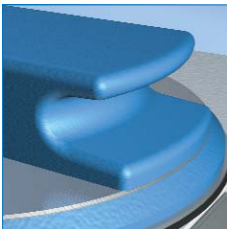
The dublitherm compact has a very powerful mixing mechanism. The special design of the two contra-rotating mixing wings with integrated knife edges guarantees safe and quick blending of the duplicating gel. This, in addition to its powerful motor, means that even already solidified material can be directly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



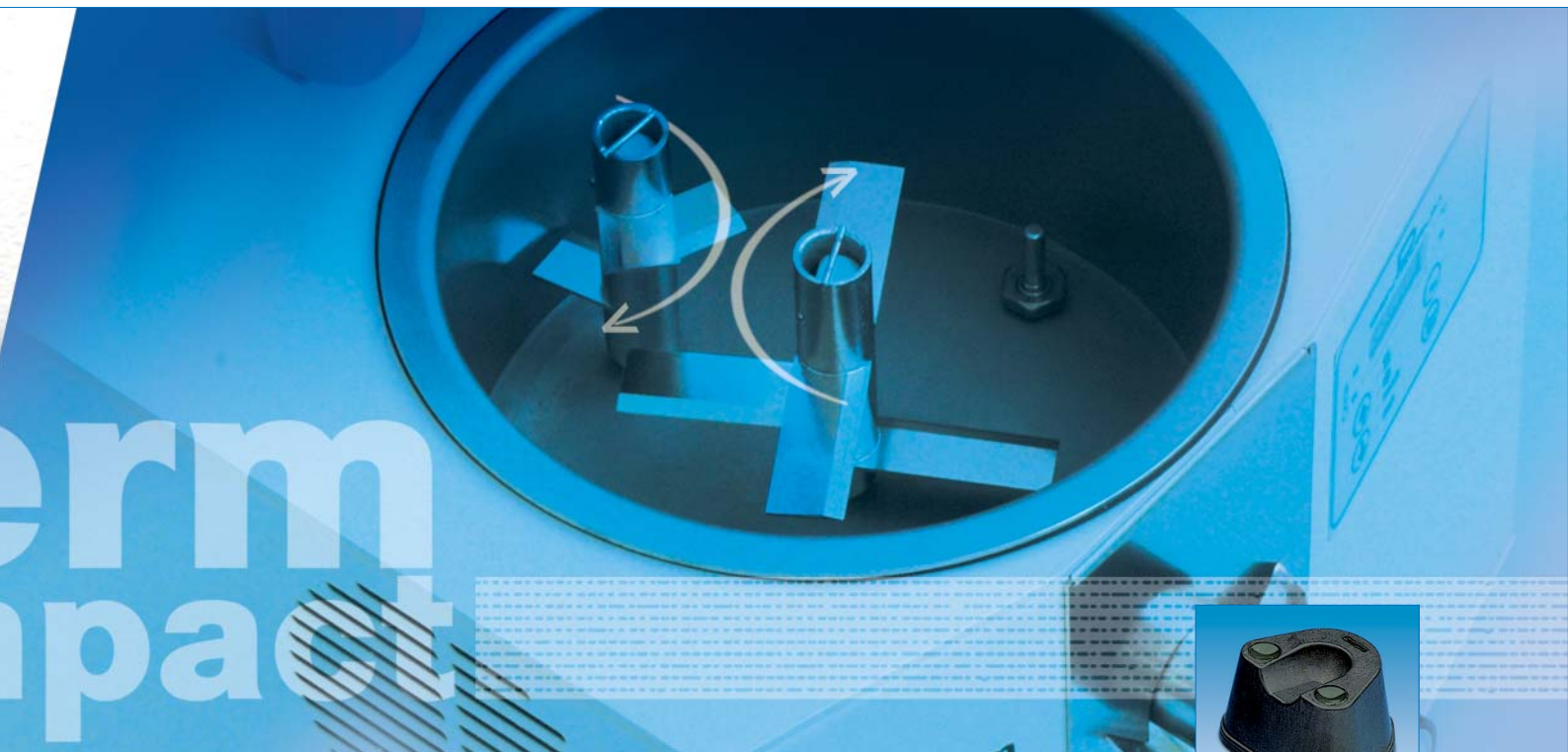
Mixing apparatus motorised from above

Easy cleaning – No damage to unit through over filling.

The machine is far easier to clean now that the mixing apparatus is no longer through the base of the mixing pot. Seals which are susceptible to wear and tear are therefore avoided. A further asset is the considerably simplified cleaning process of mixer and mixing pot. The drive parts are integrated in the lid's ergonomic, noise absorbent plastic grip. The drive is concipated for use under industrial conditions and practically free from wear.



heart".



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.



Large, LED-supported display

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. All relevant process information is LED-supported for clear operation without ambiguity.



Reversible Agar duplicating material – at a glance

	Dublitolop®	Duplikat	Dubliform	Dubliplast®
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
	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
Areas of Use				
Non-precious metal casting technique	X	X	X	X
Combination work	X	X	—	—
Acrylic pouring technique	X	X	X	X
Suitable for second plaster models	—	—	—	X
Suitable for model casting investment material	X	X	X	X
Technical Data				
Color	Opaque, light blue	Transparent, yellow	Transparent, orange	Transparent, violet
Typical repeated melting cycles (at optimal lab conditions)	25	20	15	15
Product characteristics				
Elasticity and tearing resistance	Extremely high	Very high	High	High
Accuracy of reproduced details	Very high	Very high	High	High
Accuracy of fit	Extremely high also with attachments	Very high, also with attachments	High	High
Suitable for micro waving	X	X	X * please observe extra instructions	X
Ordering information				
Package size	Container (5Kg)	Container (6Kg)	Container (6Kg)	Container (5Kg)
REF	108-610-00	108-600-00	108-500-00	165-500-00
Package size	Packaged portions Micro 4 x 350g	Concentrate (3.0 l)	Concentrate (2.5 l)	Concentrate (2.5 l)
REF	108-615-00	108-605-00	108-550-00	165-550-00