



Technomat®

Pressure polymerization device for cold curing mounting resins for material testing

The physical and chemical properties of the resin are fully preserved. Polymerization of the resins in the **Technomat** creates bubble-free and therefore higher quality test specimens. The use of the **Technomat** brings optimal sample results with all cold curing mounting resins, especially with transparent Technovit resins.





Technomat®

Pressure polymerization device

The **Technomat** is a compact pressure polymerization device that is matched to the special technology of cold curing mounting resins.

The pressurization of 2.0 bar particularly takes into account the polymerization behavior of the cold curing Technovit resins as test aids for materialographic specimen and surface imprints in material testing.

There is no odor nuisance during the polymerization.

Polymerization recommendations

Technovit 3040	8 – 10 min
Technovit 4000	16 – 20 min
Technovit 4004	9 – 12 min
Technovit 4006/SE	9 – 13 min
Technovit 4071	5 – 7 min
Technovit 5000	7 – 12 min
Technovit 5071	8 – 10 min

Capacity of the pressure pot

Embedding mold Ø 25 mm:	30 pcs
Embedding mold Ø 30 mm:	24 pcs
Embedding mold Ø 40 mm:	15 pcs
Embedding mold Ø 50 mm:	10 pcs



Order information / scope of delivery

66081898 Technomat Pressure Polymerization Device, Quarz-Timer,
Compressed air hose, Grommet, Hose clamp

Technical specifications

Pressure connection	3 to 10 bar
Nominal pressure	2 bar
Max. Operating pressure	2,8 bar
Height	300 mm
Width	305 mm
Depth	400 mm
Weight	8,6 kg
Inner diameter of lid opening	210 mm
Inner diameter base	225 mm
Pressure pot height to cover edge	190 mm

KULZER

MITSUI CHEMICALS GROUP

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