



QPREP PRESSURE & QPREP INFILTRATION DEVICE

Vacuum infiltration and pressure devices

Qprep Vacuum infiltration and pressure device

When cold mounting porous specimens it is purposeful to infiltrate them under vacuum, with a low viscosity mounting medium (epoxy resins). The QPREP infiltration device offers a solution for mounting under vacuum.

For transparent cold mounting using methyl methacrylate, these must be cured in a pressure device under positive pressure (2 - 2.5 bar). This increases the boiling point of the mounting material and suppresses the formation of gas bubbles during polymerization. The QPREP Pressure unit is best suited for this purpose.



PRODUCT ADVANTAGES

- ▮ Infiltration of porous materials
- ▮ Reinforcement of fragile materials
- ▮ Clear/transparent mounting possible with methyl methacrylate

RECOMMENDED APPLICATIONS

- ▮ Infiltration device for mounting porous samples with epoxy resin (Qpox 90 / 92 / 94)
- ▮ Pressure device for mounting with methyl methacrylate (KEM 15, 20, 30, 35, 60 and Qprep SEM 5000)

Item No.	Unit	Description
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INFILTRATION UNIT

- for cold mounting, pouring and hardening using vacuum
- recommended for Epoxy resin Qpox 90 / 92 / 94

M6500001	1 Pc.	infiltration unit, 230 V/50 Hz, vacuum pressure 0.8 bar, W 330 x H 270 x D 300 mm (including desiccator with mechanic dosing and vacuum pump, rotating disc for 8 silicon mounting cups Ø 50 mm or 9 PTFE-mounting cups Ø 40 mm, 10 mixing cups)
		110 V/60 Hz on request

PRESSURE EQUIPMENT QPREP PRESSURE

- Pressure Equipment Qprep Pressure for bubble free hardening of methyl methacrylates (for mounting with KEM 15, 20, 30, 35, 60 and Qprep SEM 5000)
- compressed air required (approx. 6 bar)

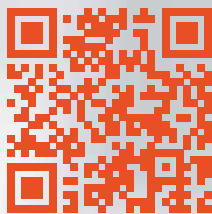
95016569	1 Pc.	Pressure Equipment Qprep Pressure, dimensions: B340 x W340 x H255 mm
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Notes

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ATM Qness GmbH

Emil-Reinert-Str. 2
57636 Mammelzen
Germany

Phone: +49 2681 9539-0
Fax: +49 2681 9539-20

info@qatm.com www.qatm.com

ATM Qness GmbH

Reitbauernweg 26
5440 Golling
Austria

Phone: +43 6244 34393
Fax: +43 6244 3439330

Distributor in Greece: