

Product Specification

Product: PEG Infiltrator for Plastination
Cat.-No.: MA-1500

For the impregnation of anatomical, zoological, and geological objects in aqueous solutions such as polyethylene glycol (P.E.G.)

Type: 1500.0

Description: PEG

PEG infiltrator according to drawing number MA_PEGI300-00-00.

Width: approx. 1414mm

Depth: approx. 1061mm with handle

Height: approx. 1620 mm

Passage width with open lid: approx. 890mm

Weight: approx. 400kg, dry

Supply voltage: 3x400Volt / 50 Hz

Connection cable: 3m, 16 A Cekon

PEG filling volume: approx. 300 Liters

Inner housing made of stainless-steel sheet $t=3\text{mm}$ with numerous internal reinforcements for thermal

thermal conduction of the heating medium.

Heating via 2 screw-in heating elements

2000 watts each and integrated.

safety temperature limiter.

Attached to the underside is a chemical.

Vaccubrand MZ 2 C NT diaphragm pump,

two-stage. Alternatively: Type ME 2C NT single-stage.

Heating of the PEG liquid via heat transfer medium

(100 Liters included in the scope of supply) and double-walled,

insulated casing made of stainless-steel sheet. On the side Filler neck for heat transfer medium and a 1 1/4" stainless steel ball valve at the bottom.

One sensor in the heating medium and one sensor via immersion sleeve in the medium with a display on the touch panel control cabinet.

Level safety device on the side of the heat transfer medium via cover swivel joint, make. Echtermann with approx.

300Nm. device mobile and lockable via 4 wheels make.

Torwege. In the centre of the lid a safety safety glass pane with approx. 250x420mm.

Lid closure via 6 hinged latches

to close the housing cover tightly.

Housing designed for the pressure range from - 0.85 bar to +0.1



MA-1500 P.E.G. Infiltrator (mobile Version)



MA-1500 P.E.G. Infiltrator with integrated touchscreen programming

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Fuse via pressure transmitter switch-off in the negative range and pressure relief valve in the positive positive range. Temperature ranges up to 90°C, whereby in Vacuum operation is not possible via the vapor temperature curve of the PEG medium may be operated.

Weight: 255 kg

Gross weight: 535 kg

Customs tariff number: 84194000

Fill level limit switch. Securing the lid via a limit switch and releasing the housing via a solenoid valve. Pressure monitoring and display via IFM pressure transmitter with display function. Housing cover via two pieces

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