

POLYPOT Pressure pot

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Product information

Extremely practical, safe and mobile unit for polymerisation of all known self-curing resins up to a temperature of max. 50 °C.

Handy construction, easy to work with. Absolutely safe to operate. Polypot does not need compressed air and is independent of power supply, therefore explosions hazards are eliminated. The working pressure of max. 2 bar is generated manually by just turning the safety screw downwards giving pressure to the lid and therefore to the water. For curing fill the pot with water of adequate temperature. The pot, made out of compact synthetic material, will keep the water temperature sufficiently constant during polymerisation.

Polypot is perfect for the working bench of each technician and indispensable in the laboratory. Curing under pressure, all self-curing resins, will reach their maximum hardness and density, they will cure porous free and color stable.

Handling Instructions

1. Apply the resin and place the work into the pot.
2. Make sure that the air removal valve is closed!
3. Fill the pot with adequate hot water until overflowing and close the pot with the lid. A displacer at the bottom of the lid will push away superfluous water. This overflow avoids air being enclosed into the pot.
4. Insert the closed pressure pot into the pressure frame right back to the stop. Apply the necessary pressure by tightening the screw (maximum pressure load 2 bar).
5. After curing (lime depends on the resin used) open the pressure screw and take the pot out of the pressure frame. To open the pot, equalize the pressure by turning the release valve (1/2 turn should be sufficient). Now we recommend to close the air removal valve.

Technical Data:

internal diameter of pot :	approx. 100 mm
height of useful space:	approx. 65 mm
gross weight:	approx. 1,3 kg
According to experiences of polymerisation	
water temperature:	50 ° C
pressure load:	2 bar
dwelling time:	5 – 8 Minutes

According to § 3 paragraph 2 and 3 of the German Druckbehälterverordnung, Polypot passed a specification test carried out by an expert and thus corresponds to generally accepted rules of technology as well as to the industrial safety act and to rules concerning accident prevention.



Please note:

Upkeep of the Polypot; grease pressure screw regularly. The pot and lid should not get indirect contact with monomer.