



The PMI Advanced
High Pressure Hand Pump
Overburden Saturators

Not just products...solutions!

DESCRIPTION

The overburden core saturator gives user to obtain remarkable saturation of cleaned and dry core samples under very high pressure. The core sample is placed in a hydrostatic core holder under very high pressure and evacuated by applying high vacuum for few hours. The liquid phase is then injected in the core sample using a High Pressure hand pump for delivering metered quantity of hydraulic fluid to pressure systems up to 10,000 psi to assure complete saturation of the core.

SPECIFICATION & FEATURES

- Pressure: up to 10,000 psi
- Volume : 100 cc
- Fluid reservoir volume : 150 cc
- Accuracy: 0.01 cc
- Pressure gauge : 6 inch dial, 0.5% accuracy of F.S.
- Materials: 316 stainless steel and corrosion resistant material.
- Fluid: Uses water or oil.
- Fittings: 1/4 and 1/8 inch NPT
- Relief Valve as a safety feature
- Bleed valve releases fluid back into the reservoir
- Easy to read displacement volumes on linear scale and high resolution radial dial
- Pump is mounted on a work bench or lab trolley.

BENEFITS

- Rapid and efficient saturation
- Overburden pressure conditions
- Supplied with manufacturer recommended parts and accessories for 3-year operation to include valves, fluid reservoir, pressure gauge & tubing for connection to test system.
- Manuals (hard and soft copies) and certificates (calibration, compliance, test and warranty).
- On site commissioning and testing.
- 3 years warranty.

SALES & SERVICES

Our sales team is dedicated to helping our customers find which machine is right for their situation. We also offer custom machines for customers with unique needs. To find out what we can do for you, contact us.

We are committed to customer support including specific service products, short response times & customer specific solutions. To quickly & flexibly meet our customer's requirement, we offer a comprehensive range of services.



Customize your machine today!

Disclaimer : Other specifications of this product are also available. Specifications subject to change without notice. Design subject to change without notice.

The most advanced, accurate, easy to use
and reproducible Core Saturators in the world.

Celebrating



of solutions



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