



HM-30



HM-32L

GILSON CONCRETE PRESSURE METER ASTM C 231; AASHTO T 152

- **HM-30 Gilson Pressure Meter is higher quality, less expensive, and more accurate.**
- **All components are supplied in our new sturdy and convenient carrying case.**

Gilson's HM-30 offers a higher-quality Type B Pressure Meter for measurement of concrete air content with many improvements that make it a better buy. Long lasting stainless steel clamps adjust quickly and are less expensive to replace. Larger gauge in stainless steel housing is easier to read, calibrate and sealed to reduce need for maintenance. Pump with large, easy-grip handle builds pressure quickly and is shielded to keep dirt and water out of the piston area. Brass petcocks have stainless steel ball valves for accuracy and durability. Petcock handles are vinyl coated for more comfortable operation.

Dimensions and accuracy of the Gilson meter exceeds requirements of ASTM. Included are: Calibration Vessel, Calibration Tubes, 24in (610mm) Tamping Rod, Aluminum Straightedge, Syringe for water, Carrying Case and operating instructions. Cast aluminum chamber is 1/4ft³ and can also be used for unit weight and yield determinations. Sturdy plastic carrying case holds meter with all accessories securely in die-cut foam padding. Traditional Watts Press-Ur-Meter is still available as HM-30W. HM-30 Est. Ship Wt.: 32lb (14kg).

LIGHTWEIGHT ROLL-A-METER ASTM C 173; AASHTO T 196

- **Use this volumetric meter for any concrete, but is the only method for lightweight concrete.**
- **New lightweight alloy model is less than half the weight of original unit.**

The new lightweight version of the popular Roll-A-Meter is a simple and accurate device for measuring air content of concrete mixes. It is often used with lightweight aggregate concrete. The lightweight anodized aluminum version is less than half the weight of earlier bronze models. Hard-anodized aluminum bowl and neck are highly scratch and wear resistant.

The base and top are fastened with quick acting stainless steel clamps after concrete sample is placed in base. Water and isopropyl alcohol are added to zero mark on neck, and meter is inverted, rolled, and rocked until air is removed for concrete. Percent of air is read directly from liquid level on scale.

HM-32L Lightweight Roll-A-Meter may also be used as a pycnometer for determining specific gravity of sand, gravel, and cement. Unit is supplied in foam-lined plastic carrying case with Straight Edge, Tamping Rod, Syringe, Baffle-Bottom Funnel, and instructions. Base is 130in³ (2,130ml). Overall height: 22in (559mm); Maximum diameter: 8in (203mm). Est. Ship Wt.: 25lb (11kg).

GILSON CONCRETE PRESSURE METER

Description	Model
Gilson Pressure Meter	HM-30
Watts Press-Ur-Meter	HM-30W

LIGHTWEIGHT ROLL-A-METER

Lightweight Roll-A-Meter	HM-32L
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ALSO AVAILABLE!

Compact Field Scales for determining concrete unit weight and yield are listed in this section and our Ovens and Balances section.



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