



Precision Diameter Tape, 0.75 to 7" — HM-4174
Precision Diameter Tape, 28 to 200mm — HM-4174M

Diameter tapes provide a fast, reliable method for measuring the diameter of concrete, soil and asphalt cores and cylinders. One reading provides round and out-of-round diameters within an accuracy of .001" (.03mm) by means of special graduations and vernier scale. All tapes are made from a stainless alloy and are precision engraved to ensure accuracy. Tape has diameter range of 2 to 12" (50 to 300mm on metric model). Includes certificate of calibration. Tapes are calibrated and include a NIST-traceable certification. Meet ASTM D2166, D2850, D4767, BS 1377:8.



Length Comparator — HM-4173

Length comparator designed to quickly and accurately measure the height of soil samples to within ±0.1% of the total height. Includes a digital indicator accurate to within 0.0001 inches (0.002mm) with 0 to 1" (0 to 25mm) total range. The comparator is comprised of an upright support 14" (356mm) tall attached to a 6 x 6 x 2" (150 x 150 x 50mm) granite base and includes a 6" (152mm) reference bar. Other reference bars such as 4.0", 3.0" and 2.0" for other sample sizes are available. Meets ASTM D2166, D2850, D4767, BS 1377:8. Reference bar includes Calibration Report traceable to the National Institute of Standards and Technology. Shipping wt. 16 lb (7.2kg)



Soil Sample Trimmer, 1.0 to 3.0" — HM-3130

Soil Sample Trimmer, 1.0 to 4.0" — HM-3140

Sample trimmer for cutting samples to precise diameters. The HM-3130 handles samples up to 3" and HM-4140 handles up to 4" samples by employing easily interchangeable top platens. Stainless steel pins in pedestal & top platen hold sample in position. Top platen bearing assembly is lowered & locked and sample trimmed with wire saw, order top platens and saw separately. Shipping wt. 6 lbs. (2.72kg)

Sample Trimmer Top Platens

Top Platen	Model
1.0"	HM-3130.10
1.4"	HM-3130.14
1.875"	HM-3130.18
2.0"	HM-3130.20
2.5"	HM-3130.25
2.8"	HM-3130.28
3.0"	HM-3130.30
4.0"	HM-3130.40

Wire Saw — HM-3175

Sample trimming saw with replaceable wire blade.

Open-Type Miter Box — H-4187

For trimming and squaring soil specimens, miter box consists of base and sides. Opening is 3.2"W x 3-1/2"H (81 x 89mm) Plated for corrosion resistance. Shipping wt. 10 lbs. (4.5kg)



Two-Part Compaction Molds

Sample	Mold	Base Plate
1.4"	HM-3817.14	HM-3817.14BP
1.5"	HM-3817.15	HM-3817.15BP
1.875"	HM-3817.18	HM-3817.18BP
2.0"	HM-3817.20	HM-3817.20BP
2.36"	HM-3817.23	HM-3817.23BP
2.5"	HM-3817.25	HM-3817.25BP
2.8"	HM-3817.28	HM-3817.28BP
4.0"	HM-3817.40	HM-3817.40BP
6.0"	HM-3817.60	HM-3817.60BP
35mm	HM-3817.35	HM-3817.35BP
38mm	HM-3817.38	HM-3817.38BP
50mm	HM-3817.50	HM-3817.50BP
70mm	HM-3817.70	HM-3817.70BP
100mm	HM-3817.100	HM-3817.100BP
150mm	HM-3817.150	HM-3817.150BP



Two-Part Compaction Molds

Two-part Aluminum molds with easy-close band clamp closure. Base plate/Pedestal combination provides a stable platform for mold during production.