

MANUEL GRINDING MACHINE

STANDARDS FOR CONCRETE SAMPLES: EN 12390-1, 12390-3, ASTM C31, C39, C192, C617

STANDARDS FOR CORE SAMPLES: EN 12390-1, 12390-3, 12504-1, ASTM C39, C42

Manuel Grinding Machine is quickly becoming the chosen alternative to the traditional rubber or Sulphur capping method used by Quality Construction Labs.

Can be used to grind concrete cylinder specimens, rocks, natural stones, tiles, block pavers, ceramic materials etc.

This machine is ideal for commercial testing labs and large producers who need to prepare a lot of cylinders for testing or wait times associated with capping compounds.

Not only is it a safer and healthier option, it also provides a better result in surface finish as well as flatness.

The maximum tolerance on the flatness of the potential load bearing surface (the ends of compression test specimens) is 0.050 mm for concrete samples.

The deviation of perpendicularity of the side, with reference to the end faces is 0,5° for core samples.

The safe and ergonomic design prevents the user to exposure to water and dust and provides easy access to the water inlet and outlet. For a safer usage On-Off switch is cover with waterproof box.

All parts of the device is electrostatically painted steel to prevent corrosion of water and concrete.

The device has locking wheels for easy transport.

Used a high-quality genuine diamond cutting wheel, which is supplied, to produce an accurate, smooth finish. The wheel and device unique design helps to make more grinding with one wheel compare to other grinding machines.

Manuel Grinding Machine can be used for Ø150x300 mm cylinder samples as standard.

Supplied with Diamond Cutting Wheel.

Adaptor for Ø 35 mm to Ø 100 mm core samples should be ordered separately. Adapter can be easily mounted and removed.

Other adapters should be ordered separately.



HR-C0200

Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-C0200	Manuel Grinding Machine	80x80x130	90	380 V, 50-60 Hz, 3 ph
HR-C0200/220	Manuel Grinding Machine	80x80x130	90	220 V, 50-60 Hz, 1 ph

Spare Parts & Accessories:

Product Code	Product Name
HR-C0205/1	Diamond Cutting Wheel
HR-C0205/5	Adaptors for Ø 35 mm to Ø 100 mm core samples