INFORMATION

MTE-PARALLEL CORE GRINDER

MODEL No. CT-009

DESCRIPTION

Precision rock mechanics studies requires precise core specimens. The most accurate data is obtained when the core specimens are exactly round and the ends of the core are exactly parallel and perpendicular to the sides of the core.

Once a core specimen is drilled and cut into desired lengths using an MTE Core Drill and MTE Core Saw, the faces can be ground to a smooth, polished finish using the MTE Parallel Core Grinder.

The unit is equipped with a magnetic base and precision vice for securing the core sample into place. A high speed electric stepping motor drives the grinding disc. The core is micrometer fed against the grinding disc to permit exact facing of the core sides and ends, one mil at a time. Digital controls and protective shields permit ease of operation of this apparatus and provide for operator safety.

The unit is completely self-contained, supplied at 230V, 50 Hz (or as specified), and occupies about 12 square feet of lab bench space. Electricity and water are the utilities required for operation. The unit is export crated, shipping dimensions are approximately 3' L x 3' W x 3' H, shipping weight is approximately 300 lbs. Allow 8-12 weeks delivery to FOB port.

Unit comes complete with installation, operational and maintenance instructions. and a supply of spare parts for normal operation. Additional spare parts and grinding discs are available through Messina Incorporated.

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