

## Pressure Controlled Coring Machine (RCD-500)



- Hydraulic motor with adjustable flow for speeds from 150 through 1,000 RPM
- Drilling rate controlled by both pressure and speed and automatic down-feed mechanism with 250-mm travel
- Rigid Multi-Column drill support frame to eliminate ridges on specimen
- Includes quick-latch specimen holder for coring 100 mm (4 in.) specimens from 150 mm (6 in.) compacted samples
- Wide variety of Coring Barrels to choose from

### DESCRIPTION

Hydraulic motor with adjustable flow for speeds from 150 through 1,000 RPM. Drilling rate controlled by both pressure and speed eliminating the tendency for hard aggregates to move. 310-mm automatic travel. Includes NX (54 mm) diameter diamond core barrel for specimens up to 150 mm long. Comes with vise table to hold prismatic rock samples. Hydraulic pump, water swivel, drip pan, vise table, and motor head assembly also included. PLC Control unit with automatic mode.

### OPERATION

230-380-460 Volts / 50-60 Hz / 3 Phase (Coring machine)  
110-220 Volts / 50-60 Hz / 1 Phase (PLC controller)