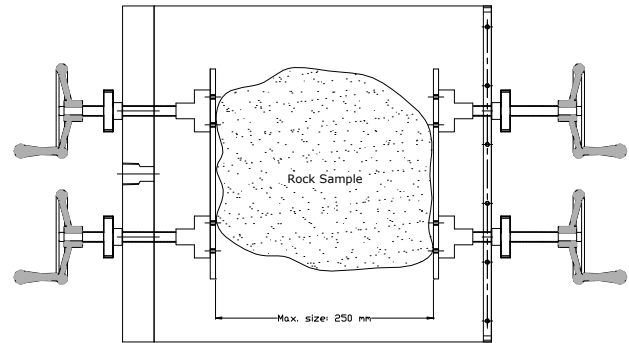


Pressure Controlled Coring Machine (RCD-250)



DESCRIPTION

The GCTS Laboratory Coring Machine is capable of achieving a large range of spindle speeds to provide optimum performance when preparing test specimens, regardless of the properties of the material being sampled. All accessories are included (water swivel, drip pan, sample holder. Other standard or custom barrels are also available.

The main feature that sets this coring machine above any other is the force/stroke control to optimize feeding rates for superior performance when coring material, which is not homogeneous.

- 1.5 HP electric motor with 12 adjustable spindle speeds from 150 through 4,200 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

SPECIFICATIONS

1.5 HP electric motor with 12 adjustable spindle speeds from 150 through 4,200 rpm. Drilling rate controlled by both pressure and speed eliminating the tendency for non-homogeneous rocks to move. 250-mm travel. Specimens up to 250 mm long. Rigid Multi-Column drill support frame to eliminate ridges on specimen. Comes with your choice of cylindrical specimen holder for coring specimens from 150 mm (6 inch) compacted samples or vise table to hold prismatic rock samples. Hydraulic pump, water swivel, drip pan, vise table, and motor head assembly also included. Order diamond core bits separately.

STANDARD DIAMOND BITS

Model No.	Designation	mm	inch
DCB-EX	EX	21.5	0.845
DCB-AX	AX	30.1	1.185
DCB-BX	BX	42.0	1.654
DCB-NX	NX	54.7	2.154
DCB-HQ	HQ	63.5	2.500
DCB-HX	HX	76.2	3.000
DCB-100		100.0	4.000
DCB-150		150.0	6.000

OPERATION

220 Volts
50-60 Hertz Single phase

SHIPPING

Weight: 430 kg.
Dimensions (meters): 1.0W x 1.0D x 2.15H