Asphalt Coring Machine (ACD-150)

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, and core barrels for coring 100 mm (4 inch) specimens. 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.

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 aggregates to move. 250-mm travel. Includes 100 mm (4 inch) diameter diamond core barrel for specimens up to 250 mm long. Rigid Multi-Column drill support frame to eliminate ridges on specimen. Standard system comes with your choice of cylindrical specimen holder for coring specimens from 150 mm (6 inch) compacted samples. Optional sample vise to hold prismatic samples. Hydraulic pump, water swivel, drip pan, vise table, and motor head assembly also included.

OPERATION

110 or 220 volts
50-60 Hertz Single phase
(please specify when ordering)

SHIPPING

Weight: . . . . . . . . . . . . . . . . . . 427 kg.
Dimensions (meters): . . . . . . . 1.0W x 1.0D x 2.15H