



## HCM-1000 Series

- Machine custom-configured to do cubes
- Accuracy of  $\pm 0.5\%$  of indicated load from 2,500–100,000 lbs. (11–1,112 kN)
- Includes HCM-0112 2" Platen Set
- Choice of 3 digital load-indicating systems
- Quiet-running, continuous-duty hydraulic pump

The HCM-1000 is based on our HCM-2500 machine, custom-configured for use as a cube machine. It has all the features you look for in a basic compression testing machine: accuracy, compactness, portability, versatility, and dependability.

The load frame features a wrap-around box construction with each corner fully welded on both the inside and outside crosshead seams, providing the rugged stability needed for accurate and repeatable test results year after year. The load frame is also protected with a unique baked-on, powder-coated painting process for a durable, long-lasting finish that keeps it looking good for years to come. The machine's eye-level digital indicator, loading-control valve, and hydraulic pump are positioned on the right side of the load frame for easy access, increasing productivity, and safer operation. Featuring superior rate-of-load control, its unique quiet-running, continuous-duty hydraulic pump and pressure-compensated loading-control valve are manufactured to ISO 9100 international quality standards. Exceeds ASTM C39, E4 and AASHTO T22 specifications.

Order optional stand HCM-0200, if desired. See page 101 for list of accessories available.

### Cube Platen Sets

#### 2" Cube Platen Set—HCM-0112

Set includes platen and pedestal.  
Cube pedestal (11") only: MP0022.

#### 6" Cube Platen Set—HCM-0113

Set includes platen and pedestal.  
Cube pedestal (11") only: MP0022.



<b>Maximum Compression Capacity</b>	100,000 lbs (1,112kN)
<b>Vertical Opening</b>	19.375 in. (492mm)
<b>Horizontal Opening</b>	9.25 in. (235mm)
<b>Piston Stroke</b>	2.5 in (63.5mm)
<b>Dimensions w/ Opt. Stand (W x D x H)</b>	27 x 17 x 56.312 in. (686 x 432 x 1430mm)
<b>Lower Platen Diameter</b>	33.2 x 33.2 in. (214 x 214 mm)
<b>Upper Platen Diameter</b>	6.5 in. (165mm)
<b>Pump</b>	.5 hp (.4kw)
<b>Oil Reserve Capacity</b>	2 gallon (7.6 liter)
<b>Electrical Configuration</b>	110V 60Hz 220V 60Hz 220V 50Hz
<b>Shipping Weight</b>	780 lbs (353kg)