HM-2800

H-4156M

CBR Setup using the HM-2800 Load Frame
The HM-2800 provides a simpler, less advanced solution for doing CBR testing than the HM-3000. The HM-2800 features the ability to assign a speed of operation between 0.008 and 2.000 inches/minute for doing the multitude of tests required by today's labs, including CBR. Pictured above is the HM-2800 Load Frame with a typical CBR setup. See the chart below for items to order for the setup shown.

Typical CBR Setup using HM-2800

Part #	Qty	Description
HM-2800	1	Multi-Speed Load Frame
H-4454.100	1	Load Ring, 10,000lbf (50kN)
H-4158.1	1	Dial Gauge 1.000" x .001"
H-4178	1	Penetration Piston with Stud
H-4178BR	1	Dial Indicator Bracket

Multi-Speed Load Frame— HM-2800
Multi-Speed Load Frame, 220 50/60Hz— HM-2800.4F
HM-2800 is sold as a load frame only, order setup items separately. See page 62 for more information on the HM-2800 Load Frame.

CBR Setup using the H-4156M Load Frame
Pictured above is the H-4156M Load Frame with a typical CBR setup. Chart below shows items included with load frame. The H-4156M Load Frame has been designed as a low-cost solution to doing CBR testing. It features one-speed operation with a preset speed specifically for CBR tests. The CBR speed is set at 0.050 inches/minute (1.27 mm/minute).

Typical CBR Setup using H-4156M

Part #	Qty	Description
H-4156M	1	CBR-Specific Load Frame
H-4454.100	1	Load Ring, 10,000lbf (50kN)
H-4158.1	1	Dial Gauge 1.000" x .001"
H-4178	1	Penetration Piston with Stud
H-4178BR	1	Dial Indicator Bracket

CBR-Specific Load Frame— H-4156M
Machine has a one-speed motor with a reversing switch that produces a uniform vertical movement of .05" (1.27mm) per minute, ASTM D1883. Maximum piston travel is 3-1/2" (88mm). H-4156M is sold as a set with Items in above chart included with load frame. Overall dimensions are: 18 x 18 x 38-1/2"H (457 x 457 x 978mm). Shipping wt. 185 lbs. (78.9 kg)

CBR-Specific Load Frame, 220 50/60Hz— H-4156M.4F
Same as above machine. When operated at 60Hz it complies with ASTM D1883, .05" (1.27mm) per minute. When it is operated at 50Hz it complies with BS 1377: Part 4, .04" (1.00mm) per minute.