



The HM-2800 Multi-speed Load Frame is designed for those who want a high-quality but simple, multi-purpose load frame without built-in data acquisition capabilities. The HM-2800 is ideal for applications where the operator either is not concerned with data acquisition; or, already has an existing data acquisition system or plans on constructing one. With its digital display, the HM-2800 also provides the operator the ability to select any speed with three decimal accuracy within its speed range.

The HM-2800 features a quiet, direct drive DC motor that provides a loading speed range from .008 to 1.999 in/min., controlled through the use of edit keys and a digital display. It also incorporates a separate, dedicated control to accommodate 2.00 in/min. for use in Marshall and TSR Testing. The controls also accommodate a rapid travel speed of 2.25 in/min for moving the platen into position quickly.

Features include:

- 10" platen provides roomy, stable base for test equipment
- Backlit LCD display
- Test speeds adjustable from .008 to 1.999 in/min. via keypad
- User selectable unit change between U.S. Standard and Metric from keypad

Specifications

Dimensions (l x w x h)	17 x 22 x 51 inch (432 x 559 x 1295mm)
Platen Travel	3 inches (76mm) Max.
Net Weight	206 lbs. (94kg)
Shipping Weight	300 lbs. (660kg)
Speed Range	0 - 1.99 inch/min (0 - 50.5 mm/min)
Load Capacity	11000 lbf (50 kN)
Vertical Clearance	32 inch (812mm) Max.
Horizontal Clearance	11 inch (279mm)
Voltage	120 VAC 50/60HZ 220 VAC 50/60HZ
Current	9 Amps @ 125V 4.5 Amps @250V

Multi-Speed Load Frame— HM-2800

Includes:

- SHH04—3/4-16 Bolt x 3-1/2 inch long
- WF04—Washer for SHH04 Bolt

Multi-Speed Load Frame, 220 50/60Hz— HM-2800.4F

Includes:

- SHH04—3/4-16 Bolt x 3-1/2 inch long
- WF04—Washer for SHH04 Bolt
- HM-2000.56— Step-down transformer for electric conversion

Covers: CBR, UU, CU, CD, UC, Marshall and Hveem Tests
ASTM: D1883, D2850, D2166, D4767, D5581 and D6927
AASHTO: T193, T296, T297, T208, T245, and T246
BS 1377: Part 4: 1990, BS 1377: Part 7: 1990,
BS 1377: Part 8: 1990, BS 598: Part 107