



H-1610

**SHRP Gyrotory Compactor— H-1610**  
**SHRP Gyrotory Compactor, 220V 60Hz— H-1610.2F**  
**SHRP Gyrotory Compactor, 220V 50Hz— H-1610.5F**

The SHRP Gyrotory Compactor is designed for use in Superpave asphalt mix design. The system has undergone complete testing and is approved by the South Central Superpave Center. Test results were comparable a perfect 12 out of 12 times. Weighing only 550 lbs (249kg), the system is ideally suited for both laboratory and field jobsite applications. The unit is supplied complete with one 150mm mold and PC with calibration equipment and software. Meets ASTM D6925 and all AASHTO and FHWA specifications.

**Features include:**

- Supplied complete with PC, calibration equipment and software.
- Completely enclosed compaction chamber
- Continuous height measurement of specimen during testing to within +/-0.1mm
- Built-in power assisted specimen extractor
- Real-time display of test data
- User-friendly software programs for editing test data acquisition and analysis
- See-through door with safety switch and illuminated test chamber
- Interchangeable 100mm and 150mm molds

**Specifications:**

- Consolidation pressure 200 to 1,000 kPa
- Consolidation ram travel adjustable, factory set at 10mm/second
- Angle of gyration adjustable from 0.5° to 2.0° +/-0.02° (factory set at 1.25°)
- Rate of gyration 30.0 rpm +/-0.5 rpm, constant
- Automated shutoff for preset specimen height, Nmax or number of gyrations
- Mold height 250mm
- Mold wall thickness 9.5mm minimum
- RS232 communications port
- Dimensions 21.15"W x 28"D x 63"H (537 x 711 x 1600mm) excluding PC
- Weight 550 lb (249kg)

**SHRP Gyrotory Accessories**

Description	Model
Piston Face Conversion Kit for 100mm Samples	H-1612
Mold Assembly, 100mm	H-1614
Mold Bottom, 100mm	H-1614B
Filter Paper, 100mm, Pkg. of 1000	H-1341P
Mold Assembly, 150mm	H-1616
Mold Bottom, 150mm	H-1616B
Filter Paper, 150mm, Pkg. of 1000	H-1361P
Calibration Kit, includes: indicator, mounting brackets and gauge blocks	H-1620
Material Handling Chute	H-1702