

Compactor / Extruder Model S-242

Resilient Modulus Testing AASHTO T-307

Benefits

- ✓ Designed to operate with molds 2.8 inch in diameter
- ✓ 30,000 lbf of thrust (max.)
- ✓ 14 inch piston travel
- ✓ 2 inch piston diameter for stability
- ✓ Digital readout displays the load applied. Optional
- ✓ "Peak Capture" switch allows display of maximum load. Optional
- ✓ Simplicity of operation allows rapid and safe compaction
- ✓ Tripod stand positions sample at proper working height
- ✓ Built-in work surface provides ease of mold removal and insertion
- ✓ Power operated, 110 V, 15 A, single phase



The S-242 Compactor/Extruder is designed to compact 2.8 by 5.6 inch soil samples in accordance with AASHTO Method T-307 Resilient Modulus Testing. The device allows the operator to compact the sample in five equal lifts by compressing the sample and measuring the load applied to the sample using the optional digital readout device. The supplied spacers prevent over compaction of the sample. Once the sample is compacted, the S-242 can be used to extrude the sample.

Compactor / Extruder Model S-242

Simple, rapid, safe compaction

The S-242 is supplied complete with:

- ✓ 4 ea. spacer rings
- ✓ 1 ea. 2.8" dia. x 9" steel mold
- ✓ 1 ea. 2.8" dia. extruding piston
- ✓ 1 ea. upper top hat
- ✓ 1 ea. lower top hat
- ✓ 1 ea. straight edge

Reservoir supplied with hydraulic fluid (USA only)

For sensitive samples or compacting soil without using spacer rings, we recommend using the optional E-405 Smart Digital Readout for monitoring the compressive loads.

All steel parts are plated or painted.

Hydraulic pump motor is rated 15 A. Single phase, 60 Hz. 6 ft power cord.



ORDERING INFORMATION

S-242	Compactor/Extruder for AASHTO T-307. 110 V (ac), 60 HZ single phase.	621 lb
S-24210	Compactor/Extruder for AASHTO T-307. 220 V (ac), 50 HZ, single phase	625 lb
Accessories		
E-405	Smart Digital Readout, 5 digit, univ. voltage, with peak load capture.	
E-119	Pressure transducer, 3000 PSI,G FML TRD E-119 Mounting Kit. 1/4" NPT to 10-32 female adaptor	
Related Items		
S-517	Res. Modulus Triax. Cell for 6 x 12 in specimens	
S-510	Triaxial Cell 1.4 in & 2.8 in	
S-511	Triaxial Cell for 4 in (102 mm) samples	
S-51150	Resilient Modulus for S-511 cell	
Replacement Parts		
S-57735	2.8" mold	
S-24230	Spacer set	
S-24240	Extruding piston	