

AFGB1 SUPERPAVE™ Gyrotory Compactor

Built to Last

The Pine reputation for durability; dependability; ruggedness; and timely, professional product support lives on in the AFG1 Superpave™ gyrotory compactor. *When your asphalt is on the line, you can count on Pine.*

Meets the Required Standards

The AFG1 compacts asphalt specimens at a constant consolidation pressure, a constant angle of gyration, and a fixed speed of gyration in compliance with AASHTO T312 and ASTM D6925.

Transport with Ease

The portability of the machine (304 lbs.) readily meets the needs for mobile labs and on-site testing requirements.

Operate with Ease

Enter the compaction parameters, place a prepared mold into the machine, secure the gyrotory head, and press Start. Allow the machine to compact the material as directed. Open the compaction chamber and extrude the specimen with the hydraulic ram used to compact the specimen.

Manage Data with Ease (New Features)

The new AFG1 makes keeping test records and providing them to agencies in the desired format easier. A USB port allows for the automatic saving of height data and the transfer of stored test data to a flash drive. A PCL printer port provides for printing test data on a PCL laser printer. And, the original data management features of internal data storage for 10 tests, an RS232 serial port, and a narrow format thermal printer are still available as well.

A Built-In Extruder

Minimizing the need to lift hot, heavy molds helps keep lab technicians safe at work.



Specifications

Power: 115 VAC, 15 A, 60 Hz, 1 ph
230 VAC, 10 A, 50/60 Hz, 1 ph

Dimensions:

760 mm W x 540 mm D x 1,410 mm H
~30.0 in W x ~21.3 in D x ~55.4 in H

Weight: Approximately 138 kg (304 lb)

Applied Pressure: 300 – 600 kPa

Angle of Gyration: 0.82 or 1.16° internal or 1.25° external (factory set)

Speed of Gyration: 30 ±0.5 gpm

Number of Gyrotations: 0 – 299

Mold Dimensions:

150 mm ID x 280 mm tall
(215 mm internal height)

Operation Modes: Number of Gyrotations
Specified Height