

Pressure Aging Vessel (PAV4)

The ATS Pressure Aging Vessel (PAV4) simulates in-service oxidative aging of asphalt binder through exposure to elevated temperatures in a pressurized environment. Our PAV4 has a user friendly touchscreen and new & improved software, providing the highest level of efficiency and reliability during testing. Each PAV4 meets AASHTO R28, ASTM D6521, and EN 14769 test standards.

Features

- CE certified
- Improved recovery time of 30 minutes or less
- Platinum RTD temperature measurement
- Rugged, black powder coated exterior
- Industrial strength touchscreen display and enhanced software
- Data acquisition features include time, temperature, and pressure
- USB Port on the front of the unit makes data downloads and software upgrades easy
- Includes 10 AASHTO T 179 specimen pans and a solid, precision anodized aluminum specimen holder
- Optional battery backup system prevents test interruption or data loss due to power failure or line voltage fluctuations
- Languages options include English, German, French, Italian, Chinese, Spanish, and Arabic



Product Specifications

Unit Design	Benchtop unit with integral vessel/oven design
Specimen Capacity	10 TFOT sample trays (included)
Operating Pressure	2.10 ± 0.05 MPa (304 psi)
Operating Temperature Range	Standard: 90°C, 100°C, and 110°C; Programmable from 50°C to 150°C
Product Dimensions	27.5 in W x 18 in D x 30 in H (700 mm W x 460 mm D x 760 mm H)
Weight	290 lb (130 kg)
Power Requirements	208-240 V, 1 ph, 50/60 Hz