

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
- Durable black powder-coated exterior
- Industrial strength touchscreen display and enhanced software
- Data acquisition parameters 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
- Language 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
Operating Pressure	2.10 ± 0.05 MPa (304 psi)
Temperature Range	80°C to 115°C ± 0.1°C. Programmable from 50°C to 150°C
Power Requirements	208-240 VAC, 1 ph, 50/60 Hz, 10 A
Dimensions	27.5 in W x 18 in D x 30 in H
Weight	290 lb