

ASPHALT PRESSURE AGING SYSTEM PAV-1

The design of the asphalt pressure aging system PAV-1 refers to the "Pressure Aging Vessel Accelerated Asphalt Aging Test Method (PAV)", as well as ASTM D6521 and AASHTO PPI test methods. The system has got the certification of ISO9001 quality management system, and it is a special equipment for evaluating the aging condition of asphalt in natural environment.

FEATURES

- The system consists of PAV-1-1 Pressure Aging Vessel and PAV-1-2 Vacuum Degassing Oven.
- The manufacture, installation and use of this system comply with the relevant provisions of the Regulations on Safety Supervision of Special Equipment.
- The technical indicators of the system have reached the leading level of similar equipment, and it is an ideal device for related experiments.

TECHNICAL PARAMETERS

PAV-1-1 PRESSURE AGING VESSEL

Power supply	AC220V±10% 50Hz
Rated power	1100W
Fuse rated current	10A
Pressure vessel working volume	13L
Working medium	Air
Rated working temperature	110 °C ±0.5 °C
Rated working pressure	2.1 MPa
Design pressure	2.2 MPa
Hydraulic test pressure	2.75 MPa
Open pressure of safety valve	2.15 MPa
Bursting pressure of safety bursting disc	2.6 MPa
Pressure controller accuracy	±0.01 MPa
Temperature control accuracy	±0.1 °C
Time segment	64x1080min
Power-off retention function	Yes
Control mode	Touch screen control

PAV-1-2 VACUUM DEGASSING OVEN

Power supply	AC220V±10% 50Hz
Rated power	900W
Fuse rated current	10A
Vacuum oven working volume	13L
Working medium	Air
Rated working temperature	170±0.5 °C
Rated working pressure	Absolute pressure 15kPa
Pressure control mode	Touch screen control
Temperature control accuracy	±0.1 °C
Time control mode	Touch screen control



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