

HİRA TESTING EQUIPMENT



PRESSURE AGING VESSEL (PAV)

STANDARDS: AASHTO R28, ASTM D6521, EN 14769

Asphalt Pessure Aging Vessel (PAV) is used to simulate the long-term aging process of asphalt under the action of climate and traffic load, to evaluate the anti-oxidative aging ability of different asphalt under certain test temperature and pressure conditions, and to provide aging asphalt samples for performance tests.

The lightweight structure of the equipment fits perfectly on any standard laboratory benchtop and is easy to operate and maintain.

7-inch high-definition display controller, real-time monitoring of pressure and temperature in the chamber.

Display the temperature-time and pressure-time curves in the chamber during the working process.

Real-time display of the temperature error time and pressure error time of the aging process (to meet the requirements of the new specification).

Temperature and pressure linkage control to ensure no overheating during pressurization.

Record the data once every 5s, and export it as excel format data via U disk.

After the test is completed, the process data can be automatically printed.

Safety protection designs such as over-temperature, over-pressure protection, and high-pressure relief can effectively protect experimenters working under high-temperature and high-pressure experimental conditions.

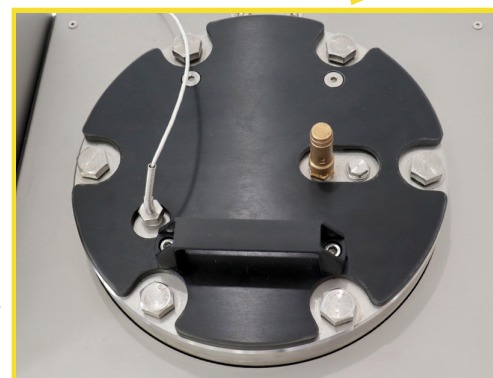
With overload protection, fault warning and other functions, there is a buzzer sound alarm prompt and display the fault code at the same time.

The cabinet is made of stainless steel, treated with special technology, easy to clean and durable.

Supplied complete with 1 high-pressure pressure reducing valve, 1 high-pressure resistant air inlet pipe (3m), used to connect the equipment to the compressed air cylinder, and adjust the inlet pressure of the air source, Sample dishes (10 pcs) and rack.



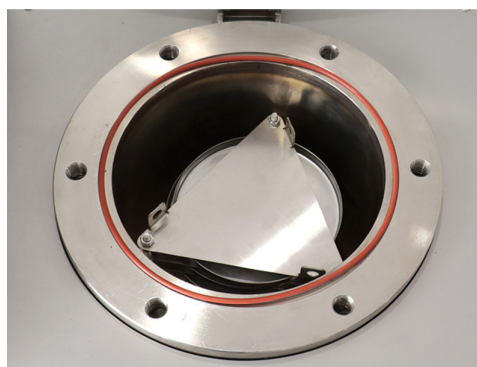
HR-AS2267



HR-AS2267/3 & HR-AS2267/4

Spare Parts & Accessories:

Product Code	Product Name
HR-AS2267/1	High-pressure pressure reducing valve
HR-AS2267/2	High-pressure resistant air inlet pipe (3m)
HR-AS2267/3	Sample dishes (10 pcs)
HR-AS2267/4	Rack



Technical Specifications:

Product Code	Product Name
HR-AS2267	Pressure Aging Vessel (PAV)
Working temperature range	90~110 °C
Preheating time	40min~60min
Working pressure	2.1MPa±0.1MPa
Pressure sensor	0-3MPa
Air supply	Cylinder compressed air, air pressure greater than 3MPa
Safety relief	Greater than 2.5Mpa
Temperature control accuracy	Resolution 0.1 °C, accuracy ±0.5 °C
Temperature-pressure	Real-time display temperature and pressure values and curve relationship
Actual pressure control accuracy	±0.02MPa
Accuracy	0.5% (±0.015 MPa)
Air supply connector	Equipped with high-pressure pressure reducing valve and converted high pressure air pipe matching with industrial compressed air bottles as standard.
Safety valve	When the pressure in the chamber exceeds 2.5Mpa, the safety valve automatically releases pressure.
Dimensions	550x350x450mm
Weight	60kg
Power supply	AC220V 50Hz

