



PAV Pressure Aging Vessel / DEGAZING UNIT (VDO)

EN 14769 - ASTM D6521 - AASHTO R28

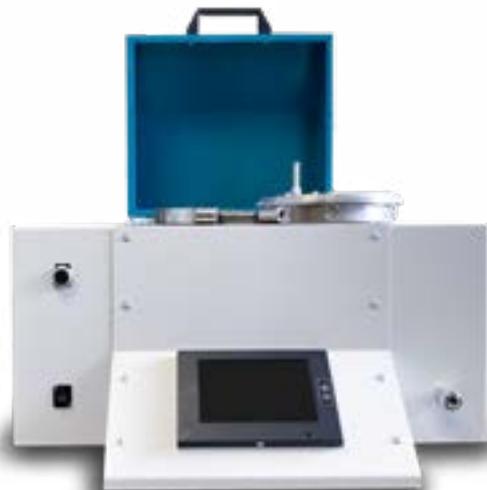
Table top device for unidimensional compression testing and swelling tests.

- ▶ For long term aging of bitumen and for the simulation of asphalt mixture ageing after 5 to 10 years.
- ▶ Consisting of housing, pressure vessel with connecting elements, pressure/temperature sensors, heating unit controlled as well as control system with Touchscreen.
- ▶ Integrated vacuum pump for vacuum degassing of aged bitumen.
- ▶ Endless customised sequences pressure/temperature/time storable.
- ▶ Including insert with 10 stainless steel pans for ageing of bitumen and insert with stainless steel vessel for degassing of bitumen.
- ▶ Required source of compressed air min.> 21 bar max.<25 bar. For constant pressure we recommend compressor 20-44950.

Technical Data

| | |
|---------------------------------|---------------------------|
| Dimension | 720 x 700 x 475 mm |
| Weight | 85.00 kg |
| Electrical Data | 230 V, 50/60 Hz, 2 kW |
| Temperature range ageing | 10°C ... 200°C |
| Pressure range for ageing (rel) | 0,3 MPa (rel) ... 2,1 MPa |
| Temperature range degassing | 10°C ... 200°C |
| Pressure range for degassing | 15 kPa (abs) ... 95 kPa |

20-44150



ACCESSORIES FOR PAV & VDO

Piston compressor

complete with pressure container and frame

Technical Data

| | |
|-----------------|----------------------|
| Dimension | 583 x 309 x 337 mm |
| Weight | 16,2 kg |
| Electrical Data | 230 V, 50 Hz, 1,5 kW |
| Air supply | 95 l/min at 6 bar |
| Max. pressure | 34 bar |
| Adjusted | ≈ 23 bar |
| Cylinders | 2 |
| Tank volume | 8,6 l |
| Noise | 70 dBA |

20-44950

Sound Protecting Cabin PAV compressed air unit

20-44952

Test vessel for PAV Ø 140 x 9,5 mm

EN 12607-2 - EN 14770

Technical Data

| | |
|--------|---------|
| Weight | 0.10 kg |
|--------|---------|

20-2575

