Ductilometer

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ASTM D113
IP 32 (obs.)

Ductility of Bituminous Materials.
The ductility of a bituminous material is measured by the distance to which it will elongate before breaking when two ends of a briquet specimen of the material are pulled apart at a specified speed and at a specified temperature.
Unless otherwise specified, the test shall be made at a temperature of 77 + 0.9°F (25 + 0.5°C) and with a speed of 5 cm/min ± 5.0%.
At other temperatures the speed should be specified.

Art. LT/DU-73000/M
Ductilometer - ASTM D113
- Three-place stainless steel structure with a 1.500 mm stroke
- Transmission of 10 revolutions on square-thread traction rod
- Speed 5 cm/min
- One-phase Geared motor ¼ Hp
- Stainless steel tank with white bottom
- Insulated walls
- Armoured stainless steel heater controlled by a digital thermoregulator with over-temperature alarm and probe PT100A
- Cooling coil
- Traction brass carriage holding moulds
- Circulation pump for stirring the liquids

Art. LT/DU-73000-R/M
Ductilometer - ASTM D113
- Three-place stainless steel structure with a motion of 1500 mm
- Refrigerating system for 5°C tests temperatures
- Transmission of 10 revolutions on square-thread traction rod, speed of 5 cm/min
- One-phase geared motor ¼ Hp
- Stainless steel tank with white bottom
- Insulated walls
- Armoured stainless steel heater controlled by a digital thermoregulator with over-temperature alarm and probe PT100A
- Safety thermostat
- Cooling coil
- Traction brass carriage holding moulds
- Circulation pump for stirring the liquids

Power Supply
- 220 Vac 50/60 Hz

Dimensions
- cm 180 × 45 × 65

Weight
- kg 60

Accessories
- T-AS63C: thermometer ASTM 63C

Spare Parts
- LAB-100-731: ductility form
- LAB-100-732: form storage
- LAB-100-733: elastic recovery mould form