

Ductilometer 1000 mm digital

EN 13398 - EN 13589 - EN 13703 - ASTM D113 - AASHTO T 51 - GOST 11505-75 for the determination of load ductility and elastic recovery of bitumen.

Stainless steel casing with isolated water bath with cover and glass window as well as a stepper motor providing a variable speed range 1 to 50 mm/min. by the digital displacement measuring system. Up to 4 samples can be tested simultaneously. Fully computer-controlled version with Windows software. One measuring place is equipped with an electronic load transducer 500 N, resolution 0,1 N (100 N, resolution 0,01 N as an option). Three additional load transducers 20-2357 can be connected. The complete test is controlled by the software with on-line graphics and database as well as evaluation of test with the calculation of planimetry. Special test sequences can be programmed by the user. The water bath temperature can be recorded continuously by use of temperature sensors 20-2359, available on option.

For operation, a computer with Windows has to be provided. The bath temperature can be controlled by a ductilometer Bath Heating Thermostat (20-2370), if required with additional cooling unit (20-2377) or an external cooling/heating unit.

(Test moulds, bath heating attachment and computer are not included).

Technical data

Dimensions	1900x500x380 mm
Weight	85 kg
Electrical data	230 V, 50/60 Hz, 0,5 kW
Feed rate	1 bis 50 mm/min.
Producer	infraTest Prüftechnik (DE)
Customs Tariff Number	90318080

20-2346

Advantage:

- ▶ Display of the test graph and current test data in real time
- ▶ Automatic test execution with windows based software
- ▶ Quick calibration option
- ▶ Up to 4 measuring stations that can be equipped
- ▶ Test protocol

ACCESSOIRES

Cooling unit

20-2377

Water Bath Heating Thermostat

20-2370

Temperature Sensor

20-2359

Load Cell

20-2357 500 N

20-2358 100 N

Brass Ductility Mould

20-2361 EN 13398

20-2362 EN 13589 (10 x 10 mm)

20-2360 ASTM D 113 + AASHTO T 51

20-2364 ASTM D 6084-04

Bath Heating Thermostat



Evaluation Software

Load Cell 500 N

Drain Valve