

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 housing with an insulated water bath, hinged lid with glass cut-out as well as stepper motor-driven traction device with constant feed speed and digital displacement measuring device. The included software allows user-oriented sequence programming and controls the test sequence with an online output of force and displacement and test evaluation with a calculation of planimetry.

- ▶ Simultaneous testing of up to four samples
- ▶ Electronic version for PC operation with software under Windows 10 and higher
- ▶ To determine the force ductility, one measuring point is equipped with a force transducer 500 N, resolution 0.1 N (special version 100 N, resolution 0.01 N). Three additional force transducers can be retrofitted
- ▶ Storage of the tests in a database in dBase format

(A PC with screen and keyboard is required for operation. Without moulds, without bath temperature control unit and without PC)

Technical data

Dimensions	1900x500x380 mm
Weight	90 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

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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