



► 延 度 仪
DUCTILOMETER





土壤
SOILS

沥青混合料
BITUMINOUS
MATERIALS

混凝土
CONCRETE

延度仪

用于测试沥青的延性。不锈钢制机壳，配有单独的水槽以及步进马达，可提供每分钟1至50毫米的可变速度。具有数码移位测定系统，速度可达每分钟250毫米。可同时进行4个试件测试实验。水浴槽具有不锈钢盖板，盖板嵌有可视窗。其中一个检测点配备了500N的测力传感器，灵敏度为0,02N(100,00N，灵敏度0,004N可选购)。另外3个测力传感器可附加。

本机通过计算机和视窗软件控制，操作者可编制不顺序的程序进行测试，具有荷载、移位以及测面计算的在线图像即时显示，并以dBase数据库格式储存实验结果。特殊顺序实验程序可在未剪切试件的条件下，以近乎全自动方式进行弹性重置实验（只能以测力传感器进行）。可选购的温度感应器（20-2359）用于连续记录水水槽内水浴的温度。

用户需自备计算机、显示器和键盘。

20-2346 测试长度 1000 mm

20-2356 测试长度 1500 mm

Ductilometer

For the determination of ductility of bitumen. Stainless steel casing with isolated water bath and stepper motor providing a variable speed range 1 to 50 mm/min. with digital displacement measuring system, rapid speed with 250 mm/min. is also available. Up to 4 samples can be tested simultaneously. The bath is further equipped with a stainless steel cover with windows. One of the test places is equipped with a load cell 500,00 N, resolution 0,02 N (100,00 N, resolution 0,004 N is available as an option). Three more load cells can be attached.

The machine is controlled with PC and Windows-software allowing programming of different test sequences by the operator and with online graphics of load and displacement as well as the calculation of planimetry and saving of test results in dBase format. A special sequence programme allows an almost automatic elastic reset test of bitumen without cutting the sample (only possible with load cell). The optional available temperature sensors (20-2359) are used for continuously recording of temperature inside the water bath.

A computer with monitor and keyboard has to be provided on site.

20-2346 Measuring length 1000 mm

20-2356 Measuring length 1500 mm





混凝土
CONCRETE

集料
AGGREGATES

检测
TESTING

筛分
SIEVING

取芯
DRILLING

移动实验室/设施
LABORATORY CONTAINER/
FACILITIES



内设延度水浴
具有4个测力传感器

*Ductility Bath inside
with 4 load cells*



详图
具有4个测力传感器

*Detailed view
with 4 load cells*

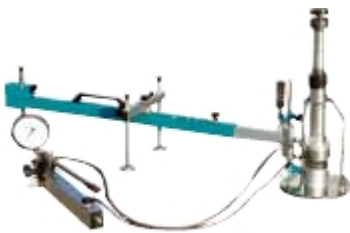


20-2375
与延度仪连接的冷却装置具有浸没式加热器
50-0600/50-0610，可进行-5°C 至大约 80°C
环境下的试验。

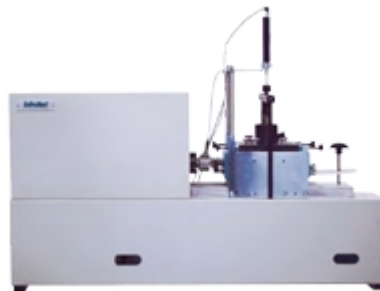
*Cooling Unit attached at the ductilometer for
tests from appr. -5°C up to appr. 80°C together
with an immersion heater 50-0600/50-0610*

► **其他产品**
Further products of our delivery programme

10-2350
板承载实验仪 100 kN
Plate Bearing Test Set 100 kN



10-2560
直接/残留剪切仪
Direct/Residual Shear Apparatus



20-2200
自动球环实验仪
Automatic Ring and Ball Tester



20-2572
旋转薄膜烘箱 RTFOT
Rolling Thin Film Oven RTFOT



35-5100
万能实验机 200 kN
Universal Testing Machine 200 kN



42-0600
洛杉矶磨损实验机
Los Angeles Abrasion Test-Machine



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