



Three simultaneous tests
ductility machine with
digital display.



NORMALAB ANALIS FRANCE



This instrument complies with the European Directives regarding operator and environment safeties and is therefore bearing the CE label.

DISTRIBUTOR :

TESTS METHOD FOR DUCTILITY OF BITUMINOUS MATERIALS

■ as per ASTM D113, IP 32, DIN 52013

■ Reference 8641

- The sample container, made of stainless steel, is fully insulated with asbestos free light fibre. It must be filled up with approximately **18 liters of distilled water**.

- The trolley, supporting the three specimens, is hanged on a guide bar and is smoothly moved by a stepping motor alongside a feed balls screwbar without vibration. Both are installed in a separate compartment outside of the sample container to avoid any water induced corrosion. The speed can be adjusted and digitally displayed on the control panel from 1 to 99 mm/min by 0.1 mm step. Two milk glass panels are laid on the bottom of sample container to help visibility of break point. The machine must be stopped at break point and resulting elongation length is digitally read on the control panel to the nearest 1 mm.

- **The maximum elongation length is 1000 mm.** Water temperature control is achieved using existing cooling coil installed on sample container bottom connected to external optional liquid cooling and circulating thermostatic bath. Sample temperature can be adjusted at any value between 4°C and 90°C according to optional bath performances (details in quotation).

- The machine is supplied complete with a set of 3 molds and 3 surface plates for mold assembly as described in the standard.

Alternative:

■ **8642**

Ductility machine with same features as above but with **maximum elongation length 1500 mm** and 25 liters water content.

8641 • Ductilometer, 1 m elongation
8642 • Ductilometer, 1,5 m elongation
 Power: 500 W - 230 V / 50 Cy (other voltage and frequency on application)

OPTION

- Cryothermostate for testing under room temperature

	Outside measurement (mm)	Weight (Kg)
8641	(W) 1700 x (D) 330 x (H) 310	± 70
8642	(W) 2200 x (D) 330 x (H) 310	± 85

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