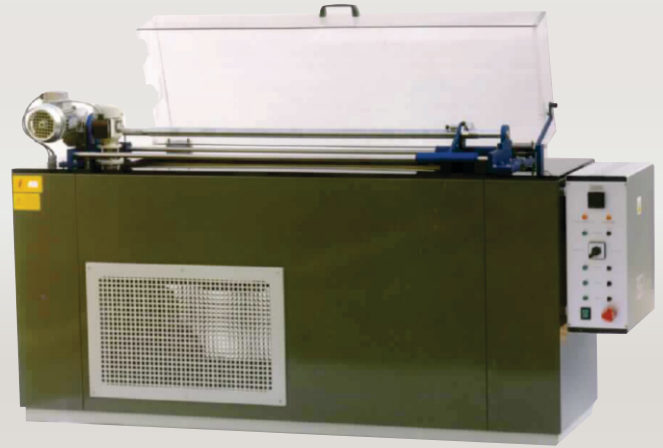


## DUCTILITY MACHINE

ASTM D 113, ASTM D 5976, IP 32,  
ISO 1208, EN 13398, EN 13589,  
EN 13703



## DUCTILITY MACHINE

Thanks to its built-in cooling compressor, the Ductility Machine consists of a constant temperature bath capable of working in a temperature range from -10 °C to 40 °C.

The Ductility Machine is equipped with a powerful tractor system that can be programmed to pull apart at a determined speed the two ends of two briquet specimens. The elongation is measured by means of a pointer on the tractor and a graduated scale fixed to the cover.

**PIn-D0113-1435 Apparatus**  
50cm Traction length

**PIn-D0113-1438 Apparatus**  
100cm Traction length

**PIn-D0113-1441 Apparatus**  
150cm Traction length

### ACCESSORIES

Mold acc. to ASTM D 113  
IP 32 - IS 1208

Brass plate for mould  
assembling

Mould acc. to ASTM D 5976

PT100 simulator  
Official Certificate  
for PT100 simulator

Specifications may vary  
without notice.

### FEATURES

- Enamel finished steel case, floor mounted with swivelling castors.
- Stainless steel bath thermally insulated: complete with drain valve.
- Chromium plated brass pump: it provides an adequate stirring of the liquid in the bath.
- Stainless steel heater.
- Microprocessor thermoregulator with PID action: built-in digital display 0.1°C accuracy. Probe: Pt100 RTD. Working range: from -10 to 40°C.
- Safety device against overheating and low level with alarm lamp.
- Built-in hermetic cooling compressor: CFC/HCFC-free gas.
- Acrylic hinged cover: it helps to maintain a constant temperature in the bath providing a clear view of the inside.
- Traction carriage with two-speed motor for 10 and 50 mm/min: the carriage supports 2 briquet molds. Automatic stop safety switch that stops the carriage when the maximum elongation has been reached. Traction length: 50, 100 or 150 cm.
- White screen fixed to the bottom of the bath: it permits a more clear vision of the elongated specimen during the test.
- Easy access control box containing all the electronics: anodized aluminium control panel with english written indications.
- English written user manual with installation instructions.
- For 220 V/50 Hz connections: 1800 W power consumption.
- Dimensions (LxWxH):  
**AD0113-200** - 1800 x 450 x 1300mm approx  
**AD0113-250** - 2400 x 450 x 1300mm approx
- Weight: 250 kg approx.
- CE marked.