



AUTOMATIC REFRIGERATED DUCTILOMETER



TECHNICAL SPECIFICATIONS

Three-places stainless steel structure with a 1.500 mm briquette capacity, a 2 phase step motor with a built in line encoder, maximum load of 1500N (3x500N load cell), PLC temperature controlled with advanced PID algorithm 2 x cross contrast heat and cool for refrigerated ductilometer. This is a stand alone unit with a 12" TFT touch screen display with a resolution of 1024X768, Barcode reader support, serial, USB, Serial RS232 and network printers support, keyboard, mouse and other input devices support, email system support to directly email results from the instrument, repeatability and deviation test reports and calculations of the conventional energy (EN 13703), traction speed from 10 mm/min. to 200 mm/min., automatic position for molds based on selected method, automatic recognition of a test positioned ductility mould, real time graphics (elongation, speed, force, time) real time live position and live speed given by encoder, over temperature security system including bath and motor drive temperature. Automatic recognition of a new load cell kit (load cell + programmed module) after reboot or startup. Automatic calculations, algorithms and results. Download and printing support for any test report file, graph, repeatability for 2 / 3 tests (successive, user selected or simultaneous). The instrument comes equipped with 3 load cell 500N

Temperature controller precision of 0.1°C 0 +50°C (32 +122°F)

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ACCESSORIES :

MOLD ASTM D113

MOLD ASTM D6084

MOLD EN 13398

MOLD EN 13589

MOLD HOLDER

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