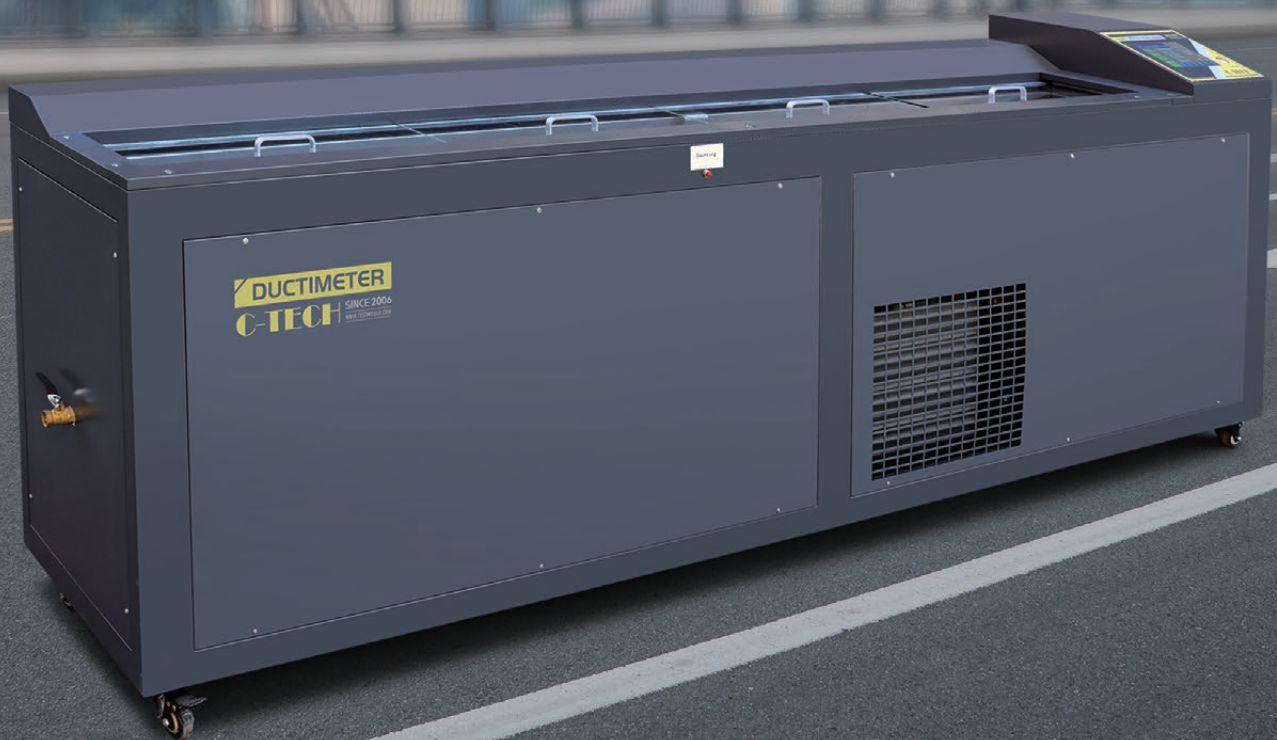


DUCTILITY TESTING MACHINE TD-508C/TD-508D

STANDARD: ASTM D113, AASHTO T51

It is used to determine the ductility of bituminous materials by measuring the elongation distance before reaching the breaking point of the briquette sample at a specified speed and temperature. This equipment can perform three simultaneous tests. It is driven by a gear motor (stepping motor), making it work stably. The bath is fitted with an immersion heater in order to obtain, in normal conditions, the 50 °C test temperature using, as stabilizing element, the cold water circulation in the stainless steel interspace.



TECHNICAL SPECIFICATIONS

Model	TD-508C	TD-508D
Power supply	AC 220 V (-5%~+10%), 50 Hz	
Measurement range	1.5 m	2.0 m ±10mm
Measurement accuracy	±1 mm	
Test speed	Two speeds, 10 mm/min and 50 mm/min	
Heating type	By an electric heater	
Heating power	3000 W	3200 W
Bath circulation	By a magnetic circulation pump	
Refrigeration type	By a compressor, input power is 950 W	By a compressor, input power is 1200 W
Temperature control range	5~49 °C; digitally displayed	
Temperature control accuracy	±0.1 °C	
Ductility display	Controlled by microprocessor, digitally displayed after data processing	
Ambient temperature	-10~+35 °C	
Relative humidity	≤85%	
Total power consumption	Not more than 4100W	Not more than 4500W