

Strength

TM-500

Cement Tensile Testing Machine

Tensile & flexural strength

Motorised digital tester for the tensile strength of cement briquettes, also used for flexural tests. 500 kg capacity, supplied with briquette mould.

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Description

Measures the tensile strength of cement briquettes, a routine quality check for cement makers and testing laboratories. It can also test the flexural strength of cement samples.

Capacity is 500 kg with a least count of 0.01 kg. A microcontroller with an LCD shows the load in kN, N or kg, and a rotary switch runs the machine forward or in reverse. Loading is slow so it does not disturb the specimen. When the briquette breaks, the machine stops by itself and shows the peak force. An emergency stop button is fitted.

A briquette mould for making the specimens is included.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

Technical specifications

Capacity	500 kg
Least count	0.01 kg
Display	Microcontroller with LCD
Units	kN, N or kg
On failure	Auto stop, peak force held
Safety	Emergency stop button
Supplied with	Briquette mould