



Ultrasonic Concrete Tester Plus

Code: 012345

Product Group: N/A

The Ultrasonic Concrete Tester Plus is the most versatile Concrete Tester to date. It has all the functions of the classic Concrete Tester, but offers additional benefits.

Designed for laboratory use in mind, its compact size, rugged construction and optimised power consumption make it equally suitable for on-site use.

Along with the traditional transit time and pulse velocity measurement, it offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimised pulse shaping gives greater transmission range at lower voltage levels. This coupled with automated combination of the transmitter voltage and the receiver gain ensures an optimum received signal level, ensuring accurate and stable measurements.

The waveform can be viewed either via an external oscilloscope connection or directly on a connected PC screen.

Full remote control capability completes the package.

Complete with two 54 kHz transducers each with 3.6 metres of cable, coupling agent, carrying case and instruction manual.

The plus model removes the need for external amplification when used with exponential transducers and it also has compressive strength estimation.

Further Information

Complies to EN 12504-4, ASTM C 597-02, ISO 1920-7:2004, IS 13311 and CECS 21.

Plus model has PC connectivity.

Specification

Measuring range	Up to 15 m depending on concrete quality
Bandwidth	20 to 500 kHz
Technology	Ultrasonic pulse velocity
Measuring resolution	0.1 us
Pulse voltage UPV	125 to 500 V
Receiver gain	1x, 10x, 100x, auto, up to 1000x for plus model
Nominal transducer frequency	24-500 kHz

Pulse shape

Square wave

Alternatives



Bench-Mounting Mixer 5 Litre Capacity Complete with Bowl Beater and Whisk. 220-240V 50Hz 1Ph.

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