



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

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## Concrete Permeability Test System

Code: [35-4050](#)

Product Group: [Concrete Permeability Test System](#)  
(Porouscope)

## Specification

Power Supply

Standard 9V battery

Weight

12 lbs (5.4 kg)



## Corrosion Mapping System

Code: [35-2165](#)

Product Group: [Corrosion Mapping System](#)

## Standards

ASTM C876

## Specification

Half-Cell Type

Drive unit, electronic measuring device, templates, measuring caps, gauge plates and carrying case.

Measurement Spacing

Net 18 lbs. (8.5 kg).

Memory Capacity

15,866 half-cell readings; 128 max. scans.

Power Supply

Battery powered. Charger 90/250vAC, 50/60Hz, 1A, AC (auto selectable).

Operating Temperature

0 to 40°C.

Dimensions

9.5" x 5.3" x 11" (240 x 135 x 280 mm).

Weight

Net 14 lbs. (6.4 kg).



## Ultrasonic Concrete Tester 110-240V 50/60Hz 1Ph

Code: 35-2302/09

Product Group: [Ultrasonic Detection](#), [Ultrasonic Concrete Test](#)

35-2302/09 is the most versatile Concrete Tester to date. It has all the functions of the classic Concrete Tester, but offers additional benefits. Designed with laboratory use in mind, its compact size, rugged construction and optimized power consumption make it equally suitable for on-site use.

Along with the traditional transit time and pulse velocity measurement, 35-2302/09 offers path length measurement, perpendicular crack depth measurement and surface velocity measurement.

Optimized 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.

Applications include pulse velocity determination, quality assessment and uniformity, modulus of elasticity measurement, curing status evaluation, crack depth estimation, assessment of fibre reinforced concrete.

Consists of display unit, 2 transducers (54 kHz), 2 BNC cables 1.5m, couplant, calibration rod, USB charger with USB-cable, 4x AA (LR6) batteries, data carrier with software, documentation and carrying case.

## Standards

BS 1881-203, EN 12504-4, ASTM C597, D2845

## Further Information

For 110 - 240 V AC, 50 - 60 Hz, 1 ph.

## Specification

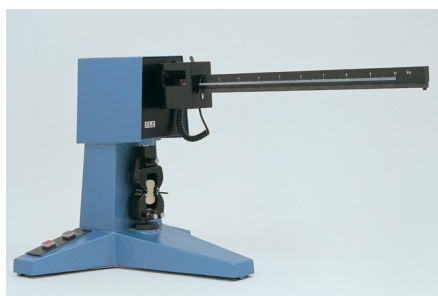
Measuring range	Up to 15 m depending on concrete quality
Bandwidth	20 to 500 kHz
Technology	Ultrasonic pulse velocity
Measuring resolution	0.1 us
Pulse voltage UPV	125 to 500 V
Receiver gain	1x, 10x, 100x, auto
Pulse shape	Square wave
Nominal transducer frequency	24-500 kHz
Number of channels	1

## Spares/Consumables



### Ultrasound Couplant Supplied In 250ml bottle

Code: [35-2305](#)



## 10kN Flexural/Tensile Testing Machine

Code: [39-7100/01](#)

Product Group: [10 kN Flexural/ Tensile Testing Machine](#)

This single lever machine is designed for flexural tests on 40.1 x 40 x 160 mm mortar prisms and tensile tests on mortar briquettes. The rate of applied loading for flexural testing is to EN196-1. Load is applied by a weight travelling along the beam at a constant rate, driven by a motor/gearbox. Readings are made by means of a cursor visible through a window in the moving weight. Failure of a specimen triggers a switch mechanism and brings the weight to a halt immediately. To prevent overloading, a sensor is incorporated in the weight and automatically stops the machine at its maximum capacity of 10 kN. Supplied complete with flexural and tensile jaws.

## Standards

EN 196-1

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***

For 220 - 240 V AC, 50 Hz, 1 ph.

## Accessories



## Briquette Mould

Code: [39-1000](#)



## Briquette Mould

Code: [39-1000](#)

Product Group: [Moulding of Mortar Briquettes](#)

Manufactured to the dimensions in the relevant specification. Two part construction, supplied complete with baseplate.

## Standards

ASTM C307

## Further Information

**\*\*NOT AVAILABLE FOR SALE IN THE USA\*\***