



ULTRATEST

NON-DESTRUCTIVE-TESTING

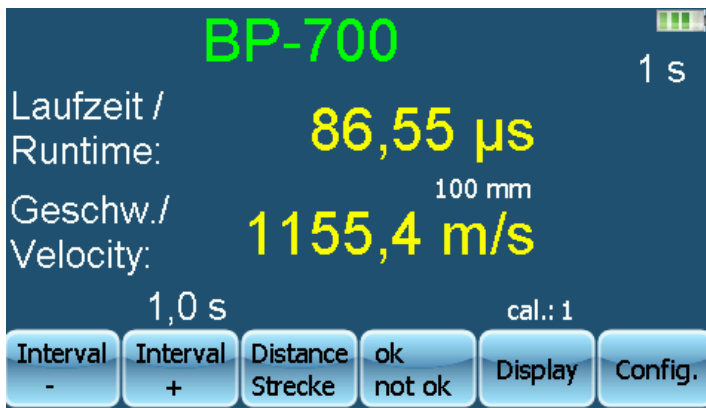
Ultrasonic Tester BP-700

Precise Portable Ultrasonic Tester for Laboratory, Production and Construction Site

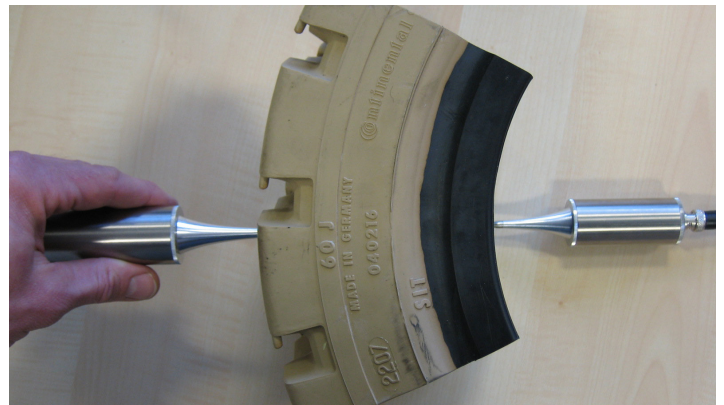


Precise Ultrasonic Testing of various Materials and Parts

Ultrasonic Testing in 0.5 - 5 Seconds Interval



Ultrasonic Testing of Tyres, Wood, Rock



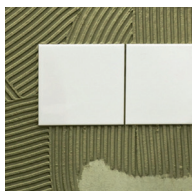
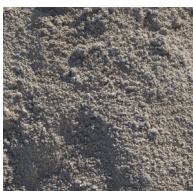
Ultrasonic Tester BP-700

Main Features

- Precise portable 1-channel ultrasonic tester
- Intuitive touch-pad control and color LCD display
- Graphical display of measured values
- Improved sensitivity and resolution [0.05 µs]
- Calibration values for up to 4 different sensors
- Pulse interval 0.5 – 10 seconds
- Battery operation up to 8 hours

Applications

- Hardened building materials and refractories
- Solid tyres and solid rubber products
- Adhesives systems and plastic materials
- Wood and wood products
- Geological samples and rock
- Food industry



Features in Comparison	BP-700	BP-700 Pro
Intuitive Touchpad-controlling and color-LCD display	✓	✓
Measurement of pulse transit time with a resolution of 0,05 µs	✓	✓
Display of ultrasonic wave velocity [m/s]	✓	✓
Battery operation up to 8 h	✓	✓
Calibration values for 4 different sensors	✓	✓
Connection of all sensor types	✓	✓
Rugged aluminium case with a wall thickness of 2.5 mm	✓	✓
Memory for 13,000 measured data in 100 test series		✓
Graphical display of measured curves		✓
Display and evaluation of four graphic marks		✓
Display of the dynamic E modulus [GPa]		✓
Temperature measurement [resolution 0.1 °C]		✓
Remote control via PC or PLC including transfer and analysis		✓
Pulse voltage setting 150 V - 600 V		✓
Sensitivity adjustment in 10 levels		✓
Fast component testing with OK / Not-OK function		✓

Specifications	BP-700	BP-700 Pro
Display	4" Color LCD touch display	4" Color LCD touch display
Measuring range	0.05 – 9999.9 µs	0.05 – 9999.9 µs
Memory	n/a	13,000 values
Dimensions (W x D x H)	190 x 160 x 75 mm	190 x 160 x 75 mm
Weight	1.8 kg incl. battery	1.8 kg incl. battery
Power supply	110 V - 240 V / 50-60 Hz, 0.5 A	110 V - 240 V / 50-60 Hz, 0.5 A
Battery	6 V / 2 Ah rechargeable	6 V / 2 Ah rechargeable
Interfaces	Transmitter / Receiver	Transmitter / Receiver / USB port Temperature sensor / Digital I/O

UltraTest Systems - References

<p>Tyre and Rubber Products</p>	<p>Refractories, Castables</p>	<p>Cement, Concrete, Construction Materials</p>
<p>Mortar, Plaster, Composite Systems</p>	<p>Facades, Floor, Roofing Systems, Drywall</p>	<p>Universities, Research, Teaching</p>