

Ultrasonic Tester BP-700 Pro

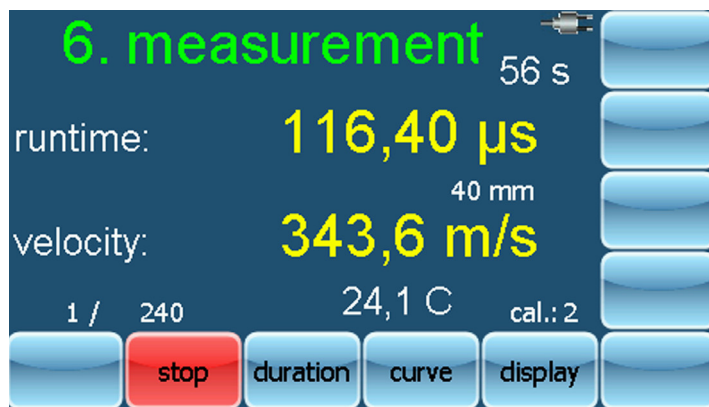
Precise measurement of setting processes in

DEVELOPMENT | PRODUCTION | RESEARCH & TEACHING

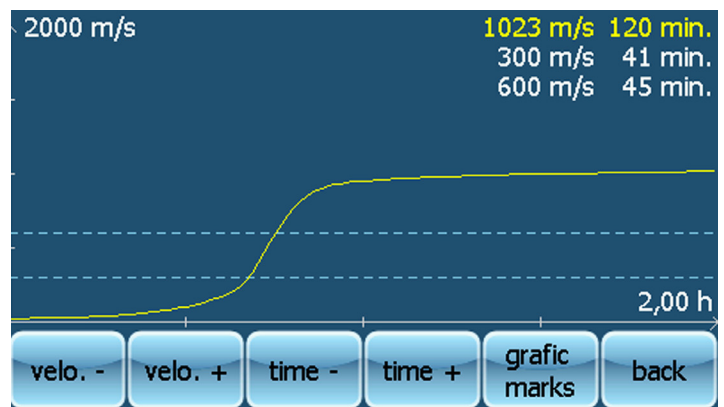


Contemporary Measuring of Setting Processes

Ultrasonic Sound Velocity Test Series



Graphical Display and Evaluation



BP-700 Pro Ultrasonic Tester

Main Features

- Precise portable 1-channel ultrasonic tester
- Stand-alone or PC/PLC controlled
- Graphical color display with softkeys
- Test series from 1 minute to 31 days
- Microsoft-Excel export
- Rugged aluminium case

Applications

- Any material with a setting process (e.g. cement, mortar, gypsum, concrete, adhesives systems)
- Any hard or hardened materials (e.g. building materials, refractories, solid tyres, wood and wood products geological samples and rock, plastic materials)
- Food industry
- Laboratory, production or in situ



Features in Comparison

	BP-700	BP-700 Pro
Intuitive touch pad and color LCD display	✓	✓
Display of ultrasonic wave velocity [m/s]	✓	✓
Battery operation up to 8 h	✓	✓
In compliance with: ASTM C597 (North America) EN 12504-4 (Europe) IS13311 (India)	✓ ✓ ✓	✓ ✓ ✓
Rugged aluminium case with a wall thickness of 2.5 mm	✓	✓
Memory for 13,000 measured data, stored in 100 test series max.		✓
Graphical display of measured curves		✓
Display and evaluation of graphic marks		✓
Display of the dynamic elastic modulus [GPa]		✓
Temperature measurement [resolution 0.1 °C]		✓
Fast component testing [OK / Not-OK function]		✓

Advantages of Ultrasonic Measurements

- Precise display of the setting process enables a new era of product development
- Immediately visible results are one of various reasons for saving in time and cost (30 % confirmed by users)
- Exact reproducibility of measurement results allows identification of deviations at an early stage
- Strength development from initial mix to 28-day strength in a single measurement
- Easy handling and operation makes it perfect for use at any place
- Easy cleaning and refilling of the measuring moulds is a key to permanent use
- Special tools such as tangents and (in connection with a PC) envelopes make the system ideally suitable for quality assurance and production
- Flexible user interface (in connection with a PC) allows operation in various languages



We would be pleased to present our system at your premises. Just give us a call!

UltraTest Systems - References

Mortar, plaster, thermal composite system



Refractories, castables



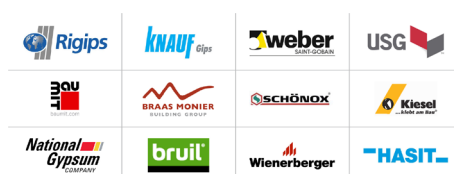
Cement, concrete, construction materials



Construction chemicals, additives, waterproofing



Facades, floor, roofing systems, drywall



Universities, research, teaching

