

Ultrasound in Solids Equipment Set

Order code: **5401.1002584**



Cena bez DPH

519,00 Eur

Price with VAT

627,99 Eur

Parameters

Types of waves

Ultrazvuk

Quantitative unit

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The Ultrasound in Solids Equipment Set is for the investigation of the propagation of longitudinal and transversal waves, known as shear waves. The equipment set also allows for the determination of the shear modulus, elasticity modulus and Poisson's ratio in solid bodies.

Features:

- Acoustic basin
- Polyacrylic test plate with protractor scale
- Two holders for ultrasonic transducers

Determine ultrasonic attenuation in liquids through time dependent amplitude measurement with the aluminum test block. Ultrasonic transducers are available in 1 MHz, 2MHz and 4 MHz and are not included in the scope of delivery.

- **Sound trough:** 20 × 10 × 6 cm
- **Test plate:** 10,4 × 7,5 × 5 cm
- **Protractor scale:** 360°, 5° divisions
- **Polyacrylic block:** 7 × 4,5 × 1 cm