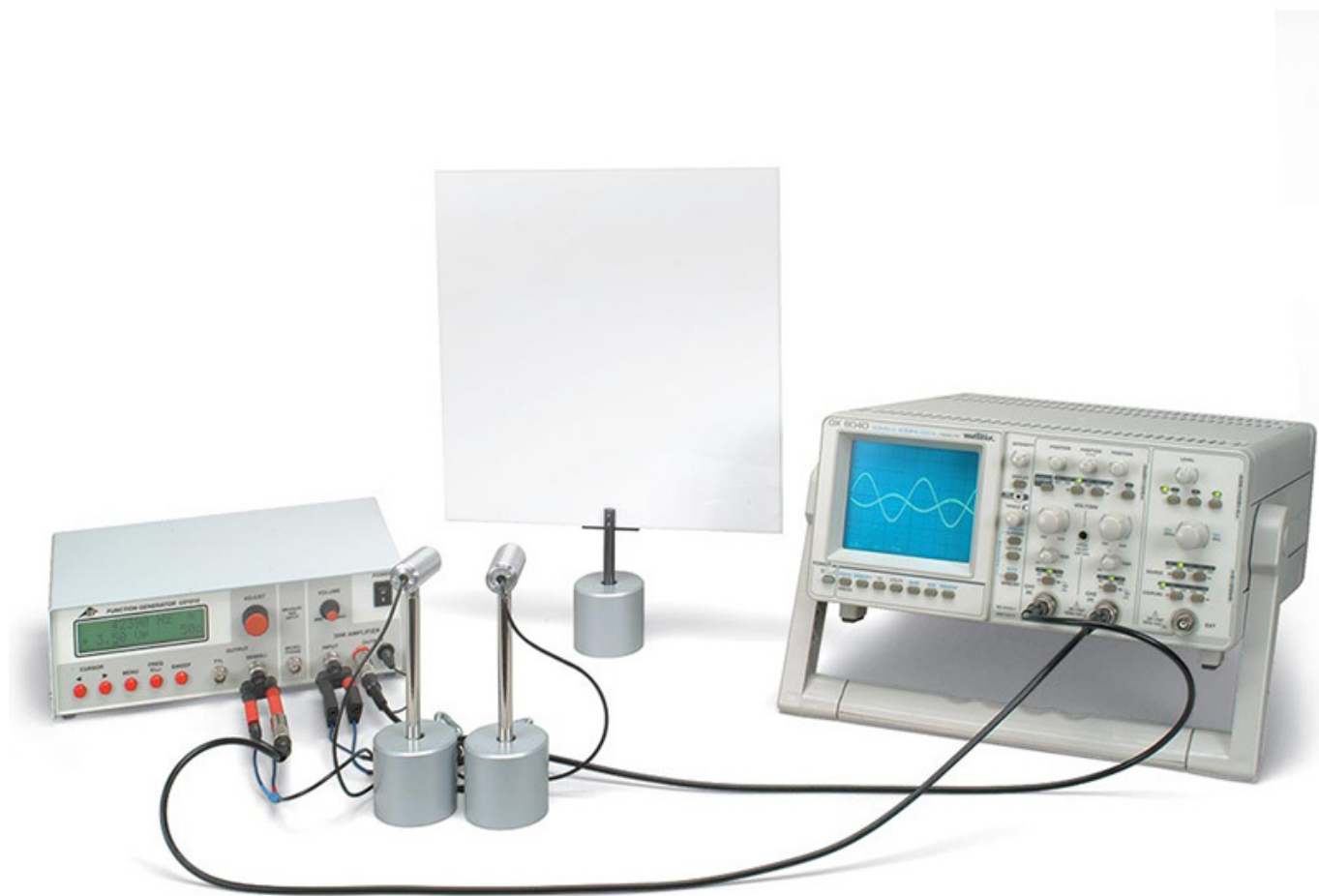




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## Ultrasonic Transducer Kit 40 kHz

Order code: **5401.1009888**



Information about product price on demand

Parameters

Types of waves

Ultrazvuk

Equipment set for experiments on geometric and wave-mechanical acoustics. Based on the piezo-effect discovered by the Curie brothers, an AC voltage is applied to a piezo-electric body causing it to oscillate. Sound waves can also be used to excite the body and the oscillations can be converted into an electrical voltage signal.

- **Resonant frequency:** 40 kHz approx.
- **Band width:** 6 kHz approx.
- **Capacitance:** 1 900 pF
- **Connector:** BNC
- **Stand rod:** 150 × 10 mm diam.
- **Dimensions:** 40 × 20 mm diam.

**Contents:**

- 1 Ultrasonic transmitter on stand rod
- 1 Ultrasonic receiver on stand rod
- 1 Projection screen
- 1 Ruler, 1 m length