



Calibration Blocks, Adjusting Standards and Step Wedges
Accessories for Ultrasonic Testing

KARL DEUTSCH

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Calibration Blocks

Calibration blocks are indispensable for the adjustment and check of ultrasonic instruments: They are also useful for exercises performed to get familiarized with ultrasonic testing. For protection, the calibration blocks are supplied in a plastic case.

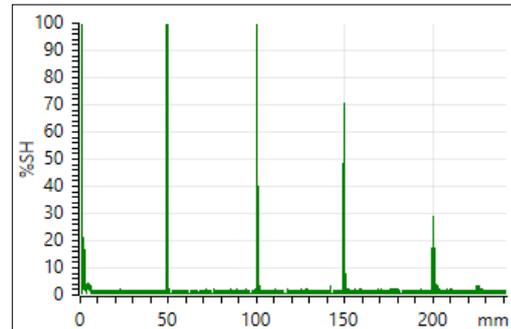
- **Calibration Block 1** acc. to EN ISO 2400 (order no.: 1703.001)
- **Calibration Block 2** acc. to EN ISO 7963 (order no.: 1702.001)



Adjusting Standards

Adjusting standards are used for gauge length adjustments of ultrasonic devices or for checking linearity and sensitivity. They are connected like a single element transducer and provide an echo sequence of at least 10 clearly separated, short ultrasonic pulses with a precise gap ($c_L = 5920$ m/s).

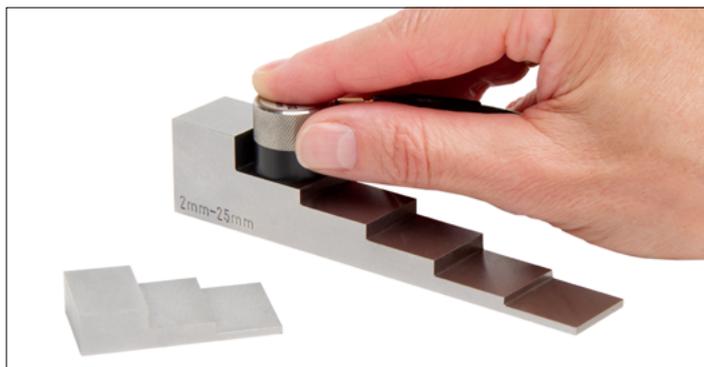
- **Adjusting Standard, 50mm echo sequence** (order no.: 1842.001)
- **Adjusting Standard, 100mm echo sequence** (order no.: 1842.002)



Step Wedges

A step wedge provides defined material paths with plane-parallel insonification and sound exit surfaces and is used for adjustment and check of the gauge during wall thickness measurement.

- **Step Wedge, 2 – 25 mm** (order no.: 1713.001)
- **Step Wedge, 2 – 10 mm** (order no.: 1713.002)



Coupling Agents and Corrosion Inhibitors

KARL DEUTSCH offers a range of coupling agents for manual and automatic ultrasonic testing, as well as corrosion inhibitors:

- **ECHOTRACE** (coupling gel, water-based)
- **ECHOTRACE HT-170** (coupling agent for hot surfaces)
- **ECHOFLUID** (coupling liquid, viscosity similar to oil)
- **ECHOKOR** (corrosion inhibitor)

Further information regarding our chemical products for ultrasonic testing can be found on our website or in our separate brochure.

Under this QR code (scan or click), you will find the following on our website for all our chemical products:

- **Technical Information Sheets**
- **Safety Data Sheets**



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