



### **ECHOMETER 1075 Basic**

Measurement Of Wall Thickness And Sound Velocity

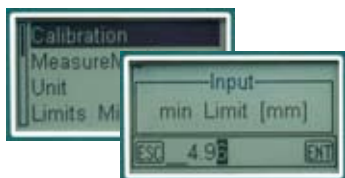
**KARL DEUTSCH**

# ECHOMETER 1075 Basic

## Precise, user-friendly and cost-efficient



Large clear graphic display with bright background illumination



User-friendly menu structure and fast input of measuring parameters



Wall thickness measurement on a tube using the miniature probe

### Solid Basis: Easy And Reliable Measurement Of Wall Thickness And Sound Velocity

The basic version of the ECHOMETER 1075 provides fast and easy measurement of wall thicknesses between 0.7 and 400 mm and sound velocities between 100 and 19,999 m/s.

The readings are displayed largely and clearly. Under poor light conditions the switchable back-light ensures convenient operation.

Via a user-friendly menu you can quickly enter or alter measuring parameters.

The instrument is supplied with a shock-absorbing protective rubber holster and a sturdy carrying case for safe storage. It is powered by commercially available batteries.

This makes it a robust and reliable device, even in harsh environments.

### At A Glance: Further Advantages Of The ECHOMETER 1075 Basic

- Automatic probe recognition
- Convenient user-guidance in easy to understand clear text
- Adaptation of sensitivity to the sound damping of different materials
- 3 selectable display modes: standard display, difference value and minimum
- Monitoring of limit values with acoustical and optical alarm
- If required: measurement of sound velocity
- The readings can be represented in resolutions 0.1 mm, 0.01 mm or 0.001 inch
- Selectable automatic switch-off for energy saving
- Integrated pop-up stand
- Splash-proof housing in compliance with IP 54



Delivery in a handy carrying case

### Technical Data ECHOMETER 1075 Basic

<b>Display</b>	Approx. 50 mm × 27 mm, illuminated
<b>Test tasks</b>	Measurement of wall thickness and sound velocity
<b>Measuring ranges (in steel)</b>	Miniature probe (8 MHz): 0.7 to 25 mm Standard probe (4 MHz): 1.2 to 250 mm Low frequency probe (2 MHz): 5 to 400 mm
<b>Units</b>	mm, inch (selectable)
<b>Power supply</b>	2 pcs. alkali manganese batteries (lifetime minimum 150 h) or 2 pcs. NiMH rechargeable batteries (lifetime, if new: minimum 70 h), type AA/IEC R6
<b>Battery level indicator</b>	Symbol with additional acoustical and optical alarm for low-voltage conditions
<b>Size, weight</b>	Approx. 131 mm × 81 mm × 32 mm, 175 g (with batteries, without protective holster)

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