



Flux Density Meter C10

Flux Density Meter C10

Measuring device for magnetic flux density

Features

- Monochrome graphic LC display with RGB back-light
- Can be equipped with various probes for different applications. A four-channel measuring socket is available for this purpose.
- USB interface for communication with PC system
- Internal data memory for monitoring measurement series, e.g. for quality assurance or for incoming goods inspection
- Customized software extensions are possible.
- Network interface for data retrieval and back up of measurement series
- Expandable by digital I / O module to integrate the measuring device into the automation process
- accumulator or battery operation

Available probes

- Axial probe **AS5.1D** for measuring fields in the range of 10 μ T to 5T.
- Transverse probe **TS5.1D** for measuring fields in the range of 10 μ T to 5T.
- 3D probe **FH2.3D** for measuring the spacial angle of the field vector
- Probes for measuring alternating fields (planned)
- Construction and production of customized probes

Technical data (with probe **AS5.1D** or **TS5.1D**)

- Resolution 1 μ T (in the most sensitive range)
- Measuring ranges: $\pm 5,00\text{T}$ / $\pm 2000\text{mT}$ / $\pm 500,0\text{mT}$ / $\pm 200,00\text{mT}$ / $\pm 50,000\text{mT}$
- Maximum flux density 5 Tesla.
- Measurement error 1% + 3 digits (ambient temperature 20 ° C \pm 5 ° C)
- Battery operation > 5h
- Power consumption max. 3W