

# MF-71L

FerriteMeter



The universal tool for local measuring the ferrite content in the metal of welds, deposited rust-inhibiting coatings and in the base metal of workpieces, parts and finished products made of austenitic and austenitic-ferritic stainless Cr-Ni steels.

## Non-destructive testing of products made of metals and alloys

- Percentage (%) and ferritic number (FN) scales in all measurement range
- Measurement of the ferrite content according to ISO 8249-2000, DIN EN ISO 17655, ANSI/AWS A4.2M/A4.2 standards
- Suitable for laboratory and workshop conditions of nuclear and chemical engineering, shipbuilding and other industries for quality control of stainless steels weldings
- Wide range of transducers for different applications

**i.e. Cladding thickness measurement**

## EXPLOITATION ADVANTAGES:

- Ergonomic housing made of ABS plastic equipped with shockproof rubber pad
- IP54 dust- and moisture-proof housing
- Display of the minimum, maximum and arithmetic mean values for set of measurements
- Optional remote transducer for cladding for ultra-high measurement locality
- Non-volatile memory
- USB interface

## OPERATING MODES:

### Discrete mode

Discrete measurement of ferrite content with displaying of auxiliary information: min/max value, average value, statistics/history.

### Continuous mode

Scanning of the test object with indication of the current value of coating thickness as well as displaying the min/ max value.

## TECHNICAL SPECIFICATIONS

Characteristic	Value
Ferrite content measurement range, %	0,5...20 / 0,5...60 / 0.5...80*
FN measurement range	0,5...100*
Basic error	less than 3%
Power supply	2700 mAh batteries (replaceable) or AA batteries
Time of continuous operation, h	8
Display	color TFT LCD 320X240
Memory capacity	100 pages x 100 measurements per page
Weight, kg	0,3
Electronic unit dimensions, mm	36x78x159
MF2-01 transducer dimensions MF0.7-01 transducer dimensions	d16x60 d10x63
Operating temperature range, °C	-10...+40
Max magnetization depth (locality)	5,5
Transducer type	magnetic induction



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