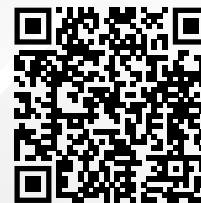




teqto.pro



FERRITE METER TQ-7

The universal tool designed for local measuring of the ferrite content in metal 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.

Comprehensive ferrite content analysis

- Percentage (%) and ferritic number (FN) scales available in all measurement ranges
- Measurement of 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 steel weldings
- Wide range of transducers available for different applications

Operational 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 a set of measurements
- Optional remote transducer (TQ0.7-01 model) 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.

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 5%
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
TQ2-01 transducer dimensions TQ0.7-01 transducer dimensions	d16x60 d10x63
Operating temperature range, °C	-10...+40
Max magnetization depth (locality) of TQ2-01 / TQ0.7-01 transducer	3 / 5,5
Transducer type	magnetic induction