

NDT1  
KRAFT

ndtone.com



*MK4-C with built-in  
integrated probe and  
built-in probe on cable.  
Real dimensions*

## MK4-C

### Purpose

Small-sized device for operative coating thickness measurements of paint, lacquer, galvanic, powder, bitumen and other coatings on substrates from ferrous and non-ferrous materials with increased temperature range.

### Features

- Colour OLED display with 1.7" diagonal, large digits on display;
- device can be delivered with integrated combined small-sized probe for measuring coating thickness on substrates from ferrous and non-ferrous materials;
- increased temperature range up to  $-30^{\circ}\text{C}$ ;
- possibility of tolerance mode measurement, measuring with averaging;
- device can be delivered with integrated probe or with built-in probe on cable.

## Basic technical characteristics

### Accuracy

- in range  $T = 0...500 \pm (0.02T + 1) \mu\text{m}$ ;
- in range  $T = 500...T_{\text{max}} \pm 0.02T \mu\text{m}$

### Temperature range

- for device:  $-30...+40 \text{ }^\circ\text{C}$ ;
- for probe:  $-40...+50 \text{ }^\circ\text{C}$

### Power-supply

Built-in Li-Ion rechargeable battery, 3.7–4.2 V, 700 mAh

### Overall dimensions

120 × 45 × 20 mm

### Weight

130 g

### Operating time

Min. 8 h

## Guarantee period

- Measuring unit — 3 years;
- transducers — 2 years.

## Delivery set

- Measuring probe;
- set of coating reference specimens (calibration foils);
- sample of metal substrate;
- charging unit;
- operating manual;
- container for storage and transportation.



## Available options of transducers

Type of probe	Integrated	On cable	Purpose	Measurement range, mm
FNF	•	•	Thickness measurement of paint, powder, plastic, enamel and other dielectric coatings on conductive ferrous and non-ferrous bases	0–1
F1		•	Thickness measurement of galvanic, paint and other non-ferrous coatings on ferrous small-sized parts with small radius of curvature and in hard-to-reach places and complex shaped products	0–0.5
F2	•	•	Thickness measurement of coating of general and special purpose (paint, plastic, enamel, metallic spray, fire protective, etc.) on almost flat and cylindrical parts with average surface roughness	0–3
F3		•	Thickness measurement of bitumen, plastic, foil, heat resistant and other non-ferrous coatings (including special purpose coatings) on substrates from steel with average and large surface roughness	0–5
F4		•		0–8
F5		•		0–10
NF1	•	•	Thickness measurement of dielectric coatings (paint, plastic, powder, anodic and others) on non-ferrous conductive bases	0–2
NF2		•	Probes for measurement of thick dielectric coatings on conductive ferrous and non-ferrous bases	0–15
NF3		•		0–30