

TC-100 digital coating thickness gauge, coating thickness meter

specification

Technical specifications

Probe F Probe N

Principle Magnetic Induction Eddy Current

Range 0~1300um

0~51.2mil 0~1300um

0~51.2mil

Accuracy $\pm(3\%+2\text{um})$

$\pm(3\%+0.08\text{mil}) \pm(3\%+2\text{um})$

$\pm(3\%+0.08\text{mil})$

Resolution 0.1um/0.01mil 0.1um/0.01mil

Calibration Points: ZERO/50/100/250/500/1000um

Units um, mil

minimum curvature radius convex: 1.5mm

minimum curvature radius concave: 25mm

minimum measuring area: Diameter 6mm

minimum thickness of substrate 0.5mm(0.02") 0.3mm(0.012")

Power One 9V battery

Operation Environment Temperature:0~40°C(32~104°F) Humidity:20%~90%RH

Size 124mm x 62mm x 32mm

(4.88" x 2.44" x 1.26")

Weight 100g(3.53oz)