

SUPERIOR PERFORMANCE AND VALUE



2000 SERIES COATING THICKNESS GAUGES

DCF-2000 (Ferrous)

DCN-2000 (Non-Ferrous)

DCFN-2000 (Ferrous and Non-Ferrous)

0.01 – 78.0 mils (0.1–1980 μm)

The CHECK•LINE[®] 2000 Series Coating Thickness Gauges accurately measure the thickness of paint, plating, galvanize and other coatings on all metal surfaces. They incorporate the latest technology to provide consistent, highly accurate results in a wide variety of applications.

The 2000 Series gauges include *Single Purpose* models for use on ferrous or non-ferrous surfaces and a *Dual Purpose* models for use on all metal surfaces.

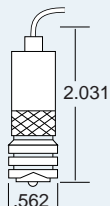
FEATURES

- Long-lasting, driftless calibration provides reliable, repeatable results over the entire measuring range.
- 0.01 mil (0.1 μm) resolution
- Keypad-selectable English or metric units
- Lightweight and battery-powered
- All models are supplied with the gauge, probe and cable assembly, bare test plate(s), two (2) plastic calibration shims & instruction manual — all in a foam-fitted, hard-plastic carrying case.

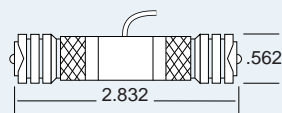
2000 Series

Probe Specifications

Single-Purpose Probe



Dual-Purpose Probe



Probe	Limits	Dimensions
	Minimum Radius for Convex Surfaces	0.2" (5mm)
	Minimum Radius for Concave Surfaces	1.5" (38mm)
	Minimum Headroom for Single Probe	2.0" (51mm)
	Minimum Headroom for T-Probe	3.9" (99mm)
	Minimum Sample Diameter	0.7" (18mm)

All dimensions in inches

Complete Kit

The Series 2000 includes gauge, probe, bare test plate(s), two precision calibration shims and instructions, all in a foam-fitted carrying case.



Gauge Specifications

Measuring Range	0–78 mils 0–1980 μm	Battery Type	9 Volt alkaline
Accuracy	$\pm 1\%$ of reading plus 0.03 mils (0.8 μm)	Battery Life	6 months (approx.) normal use with auto shutoff after 90 seconds of non-use
Resolution	0.01 mils (0–7 mils) 0.1 μm (0–99.9 μm) 0.1 mils (7–78 mils) 1 μm (100–1980 μm)	Dimensions	5.7" x 3.1" x 1.5" (145 x 79 x 38 mm)
Minimum Substrate Thickness		Weight	12 oz. (340 g)
Ferrous	15 mils (375 μm)	Temperature Limits	
Non-Ferrous	10 mils (250 μm)	Material Ambient	32 – 300 °F (0 – 149 °C) 32 – 120 °F (0 – 50 °C)
Calibration Std's	Bare metal test plate(s) plus two (2) precision, commercial grade calibration shims (NIST traceable shims are available. Inquire.)	Warranty	One year



Specifications subject to change without notice.

Features/Models	DCF-2000	DCN-2000	DCFN-2000
Coating	Non-Magnetic	Non-Conductive	Both
Metal Substrate	Ferrous	Non-Ferrous	Both
Measurement Technique	Magnetic Induction	Eddy Current	Both

CHECK•LINE® – PRECISION QUALITY CONTROL INSTRUMENTS

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