

# Twice The Gauge At Half The Price!

## COATING THICKNESS GAUGES

**DCF-900**  
0.1–40.0 mils (1–999  $\mu\text{m}$ )

**DCN-900**  
0.1–40.0 mils (1–999  $\mu\text{m}$ )

**DCF-900** measures the thickness of paint, plating, coatings and galvanizing — on iron or steel.

**DCN-900** measures the thickness of paint, coatings, anodize — on aluminum, brass, zinc, stainless steel and other non-ferrous metals.



DCF/DCN 900 Complete Kit

## Features

- Measures to 0.01 mil (0.1  $\mu\text{m}$ ), automatically rounding off to the nearest 0.1 mil (1  $\mu\text{m}$ ).
- Keypad-selectable English or metric units.
- Continuous reading update detects soft coatings as probe tip “sinks” into them.
- Calibration to NIST standards is available upon request.
- Remote probe permits easy access to hard-to-reach places.

# DCF-900 & DCN-900

# TECHNICAL DATA & SPECIFICATIONS

## Specifications

<b>Range:</b>	0.1–40.0 mils (0–999 $\mu\text{m}$ )
<b>Probe:</b>	Monopolar, magnetic induction type (DCF-900) or Eddy-current type (DCN-900), 0.4" (10 mm) dia., spring-loaded, with V-notched shell and 28" (70 cm) cable
<b>Resolution:</b>	0.1 mil (1 $\mu\text{m}$ )
<b>Battery/Life:</b>	9 V alkaline / approx. 6 months normal use, with auto shutoff after 90 seconds of non-use.
<b>Dimensions:</b>	5.7" x 3.1" x 1.5" (145 x 79 x 38 mm)
<b>Weight:</b>	9 oz. (250 g)
<b>Temperature Limits</b>	
<b>Material:</b>	15 to 140° F (-10 to 60° C)
<b>Ambient:</b>	32 to 125° F (0 to 50° C)
<b>Warranty:</b>	One (1) year

*Specifications subject to change without notice.*

## Additional Features

- Dependable accuracy over the entire range of the gauge, not just at "calibration check" points.
- Longer lasting, driftless calibration . . . Set it and forget it for long periods of time and from job to job
- Very reliable operation . . . Consistent, repeatable measurements
- Excellent results with thin substrates . . . As thin as 0.005" (10  $\mu\text{m}$ )
- Operation unaffected by magnetic fields



## DCF-900 Accuracy

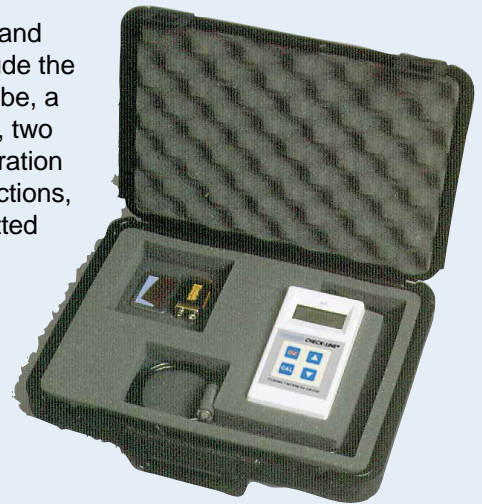
0–10 mils	: $\pm 0.1$ mil
10–40 mils	: $\pm 1\%$ of Reading
0–250 $\mu\text{m}$	: $\pm 1$ $\mu\text{m}$
250–999 $\mu\text{m}$	: $\pm 1\%$ of Reading

## DCN-900 Accuracy

0–7 mils	: $\pm 0.1$ mil
7–40 mils	: $\pm 2\%$ of Reading
0–70 $\mu\text{m}$	: $\pm 1$ $\mu\text{m}$
70–999 $\mu\text{m}$	: $\pm 2\%$ of Reading

## Complete Kit

The DCF-900 and DCN-900 include the gauge and probe, a bare test plate, two precision calibration shims & instructions, all in a foam-fitted carrying case.



# ELECTROMATIC

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