

COATING THICKNESS GAUGE CV-CG310/320™

Portable gauge with external probes series

- Robust design, top quality instrument
- CV-CG310 memory for 1 reading only
- CV-CG320 memory for 10.000 readings
- Large measuring range with 20 probes available
- Direct testing mode
- Large memory with statistics computation
- Coating-through-coating feature
- Data output to printer CV-CG300 or pc



CV-CG300 printer

20 probes
available
See technical
specification
overview !

Technical specifications

Models available	20 probes available for F (ferrous; on steel/iron), N (non-ferrous metals) and FN (combined), see list
Measuring range	0 - 1600μm with standard probe F1.6 or N1.6
Tolerance	±(1μm + 1% of reading) with standard probes
Resolution	0.1μm
Display	Alphanumeric with 4 large digits
Operation language	English
Standards	DIN, ISO, ASTM, BS
Min. measuring area	5mm x 5mm (with standard probe)
Min. curvature radius	Convex: 3mm, concave: 50mm
Min. substrate thickness	Type F: 0.5mm, type N: 50μm
Calibration	Factory setting, zero and foil calibration
Statistics	Number of measurements, mean, standard deviation, maximum and minimum of maximum 10.000 readings (only CV-CG320)
Data memory	1 individual reading (CV-CG310) 10.000 individual readings, 1 batch only (CV-CG320) See next page for models with extended memory capacity
Interface	RS-232
Ambient temperature	0°C - 50°C
Power supply	1 x 9V alkaline battery, AC adapter
Dimensions	Gauge 150mm x 82mm x 35mm
Weight	Approx. 270gr

Standard delivery

- Gauge excluding probe
- Zero plate
- Calibration foils (2 pcs)
- Manual
- CV Instruments certificate

Optional probes

- Probes (F or N or FN series selectable), see overview

Optional accessories

- Carrying case with accessories
- 20 probes for different applications, see overview
- Printer CV-CG300
- PC software for online and data transfer
- Calibration foils in various thickness

See next page for models with extended memory capacity