

CV Wall Thickness Gauge CG-500 Series

Handheld gauge for wall and coating thickness testing of metals, glass and plastics



Features

- Considerably improved measuring properties through SIDSP !
- Non-destructive wall thickness measurement up to 4mm and/or 10mm
- Up to 20 measurements per second
- For all non-magnetic materials such as plastics, wood, glass, ceramics, glass fiber, carbon fiber laminates, non-ferrous metals, etc.
- For hollow parts and containers of all kinds such as bottles, cans, injection moulding products, etc.
- Also for plastic sheets, automotive body parts, glass panes, SMC plastics other large-sized components, etc.
- Complete measuring technique is integrated in the sensor

With this totally new SIDSP procedure, all necessary measuring signals are created and processed in the sensor itself. Only the completely processed digital readings are transferred to the base unit for display, statistical evaluation and data storage. Unlike the commonly used analogue procedures, the SIDSP procedure excludes any error influences on the measuring data during transfer over the probe cable. The result is a measuring accuracy and constancy of readings, unmatched so far. Further innovations to increase measuring accuracy: the new process technology manufacture the reference balls used resulting in an increased reproducibility of over 0.5% and the calibration method enabling up to 5 calibration points. Calibration can be done over the complete range or over defined ranges.

Innovative menu control and data filing system

The new CV-CG500 is very easy to operate. The menu-controlled user surface offers a user-friendly data filing system similar to common PC applications and a context sensitive on-line help.

Data processing

The gauge features display of minimum and maximum readings, an offset mode (related to the set value), automatic storage of readings into the statistics as well as visual display of the continuously taken readings (real-time diagram).

WALL THICKNESS GAUGE - CG-500 SERIES

Code No	Description	Price (£)
W-CG500	Wall Thickness Gauge	£4,025.00
W-CG500/20	FH10 Probe	£3,511.00
W-CG500/150	RS232 Cable	£75.00
W-CG500/SOFT	Dataview Software	£98.00