



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## CG304 Coating Thickness Tester with Bluetooth<sup>®</sup>



**Extech's CG304 offers a non-destructive way of measuring the thickness of ferrous and non-ferrous substrates with auto recognition of the material being measured. Unique Bluetooth<sup>®</sup> interface feature wirelessly transmits measurement data to your PC for further analysis and to generate a documented report.**

**Applications:**

- Automotive paint thickness to determine if car has been in an accident before
- Quality inspection and monitoring of the process of anodizing or galvanizing
- Suitable for paint manufacturers, painting inspectors, painters, and anti-corrosion painting contractors
- Machine tools manufacturers, pipeline industry, and aeronautical industry

### Features

- Dual Technology provides automatic recognition of ferrous and non-ferrous substrates
- Magnetic induction for ferrous substrates
- Eddy current measurement for non-ferrous substrates
- Easy-to use menu system
- Dot matrix LCD display with backlight and contrast
- Memory stores 2500 readings in 50 groups with 50 readings in each group
- Zero-point calibration function
- Bluetooth interface includes software
- Complete with two AAA batteries, software, hard case, Steel and Aluminum substrates, and standard films for calibration

Specifications	Ferrous	Non-Ferrous
Working Principle	Magnetic Induction	Eddy Current
Measuring Range	0 to 2000μm 0 to 78.7mils	0 to 2000μm 0 to 78.7mils
Accuracy	±(2%+2μm) ±3.5% (1000 to 2000μm)	±(2%+2μm) ±3.5% (1000 to 2000μm)
Resolution	0.1μm (0.01mils)	0.1μm (0.01mils)
Minimum Curvature Radius	1.5mm (59.06mils)	3mm (118.1mils)
Minimum Diameter	7mm (275.6mils)	5mm (196.9mils)
Minimum Thickness	0.5mm (19.69mils)	0.3mm (11.81mils)
Dimensions /Weight	4.7 x 2.4 x 1.25" (120 x 62 x 32mm)/6.17oz (175g)	

### Ordering

CG304 ..... Coating Thickness Tester  
 CG304-REF..... Calibration References

