

CHY-G Electronic Bottle wall thickness tester

CHY-G Electronic Bottle wall thickness tester is suitable for measuring the thickness of glass bottle bottom and wall in pharmaceutical, food and pharmaceutical industries. On the basis of the traditional thickness measuring instrument, a tray is added to stabilize the bottle to avoid the measurement error caused by the swing of the bottle.



Professional technology

- 7 Inch Touch color LCD screen, microcomputer control, automatic grouping statistics maximum, minimum, average value.
- Real time display of rotation angle and displacement ensures accurate return of measurement.
- It can meet two test methods of bottom thickness and wall thickness of glass bottle.
- The new bottle holding device of the measuring platform supports up and down adjustment, making the test easy and convenient.
- The system comes with micro printing, and the data of upper computer can be saved infinitely.
- Professional computer test software, curve display, data saving, excel statistics, print A4 test report.
- Software users hierarchical authority management, data statistics and audit functions to meet the industry requirements.

Application

Basic application	Wall thickness and bottom thickness test	It is suitable for the test of glass ampoule bottle, glass tube medicine bottle, glass mold medicine bottle, glass tube injection bottle, glass mold injection bottle and oral liquid bottle.
	Wall thickness and bottom thickness test	It is suitable for glass infusion bottle, beer bottle, white wine bottle, red wine bottle, mineral water plastic bottle and carbonated beverage plastic test.

Testing principle

CHY-G Electronic Bottle wall thickness tester adopts capacitive grating sensing technology, which contacts the bottle through the measuring head and corresponds to the dart head. In the two systems, the capacitance grating sensor collects the response data, and then calculates the corresponding thickness of the bottle wall or bottom through the system.

Testing standard

The instrument meets many national and international standards: YBB00332002-2015 《Low borosilicate glass ampoule》 YBB00332003-2015 《Sodium calcium glass injection bottle》 YBB00032004-2015 《Sodium calcium glass tube oral liquid bottle》 GB 12415-90 《Test method for internal stress of medicinal glass containers》



Technical index

Item \ Model	
	CHY-G Electronic Bottle wall thickness tester
Instrument range	0-12.7mm/0.5
Division value	0.001mm/0.00005"
Sample diameter	5mm-300mm (Other sizes can be customized)
Sample height	5mm-330mm (Other sizes can be customized)
Size	400 (L) X360 (W) X700 (H) mm
Communication interface	USB interface
Environmental temperature	15-50℃
Environmental humidity	10-90%, Non Condensing
Power supply	220V/50Hz/60W

Product configuration

Standard configuration

Instrument host, wall thickness measuring head, bottom thickness measuring head

