



Application :

The Webster Hardness Tester is a portable, fast, accurate hardness gauge for testing Aluminum, Brass, Copper and Mild Steel. Webster Hardness Testers will quickly identify tempers and test a variety of shapes that other testers cannot check, such as extrusions, tubing and flat stock.

Features:

Achieve world's first digital measurement of aluminum alloy Webster hardness

The use of micro photoelectric sensor ensure the measurement accuracy

User-friendly LCD display, measured value clearly, with backlight

Automatic latch the measured peak value

Calculate the average value

Pre-setting of upper and lower limit are available to facilitate the batch testing

Built- in buzzer and LCD blinking function, providing abundant prompt information

Large capacity memory, 5000 groups data can be stored

Shut down automatically

Be able to carry out data communication with PC

Rechargeable Li battery

Applying the carbide pressure needle and worktable ,greatly enhance the durability

Technical specification:

Application field	Aluminum alloy
Hardness unit	HW
Thickness range of measurement	0.8~6mm
Hardness range of measurement	5~18HW or 45~100HRE
Resolution	0.1HW
Error	± 0.5HW
Upper and lower limit setting	5~18HW
Average times	2~9 times
Memory	5000 groups data
Working voltage	3.7V
Charging time	3 hours
Power adapter	Input: 110V~220V/AC,50/60Hz Output: 4.6V/DC
Continuous working time	13 hours
Environmental temperature	0 ~40
Humidity	90%
Communication interface	RS232
Dimensions	210 × 105 × 35(mm)



Standard delivery :

Main unit

Standard hardness block

Charger

Communication cable

Software