

Webster Hardness Tester



W-20A



W-B75

Webster hardness tester can be used to test the hardness of aluminum alloy, pipe, plate, aluminum parts, and other soft metals. Judge whether the aluminum products have the aging or not, and determine the limitation is up to standard.

It also can distinguish between different types of aluminum and different aging state. Webster hardness testers especially suitable for batch production site and sales site, also for the aluminum profile, door, window, curtain, wall and so on to do the quick testing and non-destructive checking one by one.

Webster hardness tester is easy to operate, just clamp the work piece, and then read the hardness value directly. It focus on high efficiency and good reliability which conform to the China non-ferrous YS/T420-2000 and American standard ASTM B647-84 (2000).

Models and Applications:

- ▶ W-20 Webster hardness tester is mainly used for inspection of aluminum alloy, tubes and plate,
- ▶ W-20a type can be used to inspect industrial aluminum extrusions, plates or parts which of the thickness upper limit to 13 mm,
- ▶ W-20b type for testing small aluminum profiles or aluminum profiles pipes which of the inner diameter is greater than 6 mm.
- ▶ W-B75, W-BB75 Webster hardness testers for copper alloy.
- ▶ W-B92 Webster hardness tester for stainless steel, respectively suitable for testing the hardness of materials such as copper, brass and mild steel.

Standard Package



Spare parts



Technical Parameters:

Testing Range: 0-20HW (Equals to 20-110HRE, Model W-20)

Resolution: 0.5HW (5-17HW)

Repeatability: 0.5HW (5-17HW)

Weight: 0.5Kg

Digital Display Aluminum Webster Hardness Tester

DW-20 series aluminum Webster hardness tester divided into DW-20, DW-20A, DW-20B three types, they are light and portable can be hold by one hand, do not need sample when testing, without high skill requirements.

It can do fast NDT test of work-piece on site and meet the needs of quality control and qualified rate, widely used in production test, acceptance inspection and products quality inspection of aluminum industries and many companies of windows, door and curtain wall, as well as in engineering quality inspection and technical supervision departments. It is a necessary device in raising qualification rate and saving cost.



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Technical Specifications:

Model	DW-20	DW-20A	DW-20B
Measurement Range	0-20HW		
Accuracy	0.5HW		
Accurate Measurement Range	5-18HW		
Test Materials	Aluminum Alloy (1100-7075 series)		
Resolution	0.1HW		
Hardness Conversion Range	25-110HRE, 58-131HV		
Specimen Size (mm)	Thickness 0.4-6, Inner Diameter > 10	Thickness 0.4-13, Inner Diameter > 10	Thickness 0.4-8, Inner Diameter > 10

Packing List:

Description	Qty	Description	Qty
Main Unit	1	Carrying Case	1
Standard hardness block	1	Warranty Card	1
Special Wrench	1	Certificate	1
AC Adapter	1	Operation manual	1
AAA battery (Take off when Ship by air)	2		