

TX

WEBSTER HARDNESS TESTERS



W-20a



W-20b



Model B+



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The Webster hardness tester is a portable instrument for fast hardness inspection of aluminum alloy and other soft metals. The hardness value can be directly read on the dial after one simple press on the handle.

The Webster hardness tester conforms to ASTM B647. It is suitable for testing the mechanical performance and the result of heat treatment of aluminum extrusions, sheets and tubes. The typical application is 100% quality inspection as acceptance check at the production line, in the warehouse or in the office.

The new B+ Webster hardness tester features a wear-free nanotechnology indenter. The indenter is so hard that it cuts glass like a diamond tool. It has a guaranteed life of three years, and its actual life is more than five years under normal use condition. This is the first hardness tester indenter in the industry to have a warranty.

A major factor affecting the accuracy of most Webster testers is that when exerting excessive force on the handles after the bottom is felt, the indicator will continue to move half or one graduation higher. This is no longer a problem for the redesigned B+ Tester, and the reading is consistent for all operators.

Models Comparison

Model	Hardness Range		Specimen Dimensions	
	Material	Range	Thickness	Inner Diameter
W-20+/B+			0.4-6 mm	> 10 mm
W-20	Aluminum Alloy	25-110 HRE 58-131 HV	0.4-6 mm	> 10 mm
W-20a			0.4-13 mm	> 10 mm
W-20b			0.4-8 mm	> 6 mm
W-B75	Brass, Hard Aluminum Alloy	63-105 HRF	0.4-6 mm	> 10 mm
W-BB75	Annealed Brass, Copper	18-100 HRE	0.4-6 mm	> 10 mm
W-B92	Stainless Steel, Mild Steel	50-92 HRB	0.4-6 mm	> 10 mm