

Webster Hardness Tester

W-20/W-20A/W-20B/W-B75/W-BB75/W-B92



Standard Configuration

Main part	1	Small screwdriver	1
Standard hardness block	1	Manual	1
Spare needle	1	Product certificate	1
Calibration wrench	1	Carrying case	1

Introduction

Webster Hardness Tester is an instrument that can promptly on-site test the hardness of aluminum alloy material, including section bar, tubes, plates, aluminum parts, and hardness of other soft metal. It is such an instrument convenient in usage, with a simple "clamp" and direct result-reading, that it always receives good feedback of high efficiency and strong stability

Especially suitable in production site, sales site or construction site for quickly testing on bulk products with non-destructive quality inspection piece by piece. Besides aluminum alloy material, it is also suitable to test red copper, brass, soft copper etc.

Main Application

- Indenter: Re-engineered with advanced material and new production technology manufactured, higher hardness, long service life, good interchangeability
- Indicator Hand: High strength indicator hand, less likely to be bent by long-term using or mis-operation
- Dial Glass: High strength, high toughness, uneasy to be broken or scratched
- Handle: Forged aluminum alloy handle with fine anodized finishing, high resistance to abrasion and stain
- Hardness Blocks: Tested by standard Rockwell hardness tester, attached with test report
- Good Stability: Stable full scale point, stable calibration point, indicator never glides
- Easy Conversion: Results can be converted to Vickers, Rockwell and Brinell



Using Scope

- W-20: General Model, suitable for common aluminum materials
- W-20A: Suitable for aluminum materials with thickness $\leq 13\text{mm}$
- W-20B: Suitable for aluminum tube with inner dia. $\geq 6\text{mm}$
- W-B75: Suitable for brass tube, brass strip
- W-BB75: Suitable for red copper tube, red copper strip
- W-B92: Suitable for soft stainless steel, cold-rolled strip

Technical Specification

Model	W-20
Testing Range	0 ~ 20 HW (equivalent to 20 ~ 110 HRE, 58-131HRV)
Resolution	0.5 HW (5 ~ 17 HW)
Repeatability	0.5 HW (5 ~ 17 HW)
Application	Aluminum Alloy
Suitable Specimen Size	Thickness 0.4-6 Inner Dia. >10mm
Dimension	31 x 22 x 10cm(L x W x H)
Packing Weight	2.0KG