Webster Hardness Tester

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

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 mental. 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-engineerred 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 abraision 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 ≤ 13mm.
- W-20B: Suitable for aluminum tube with inner dia.≥6mm.
- W-B92: Suitable for soft stainless steel, cold-rolled strip.
- W-B75: Suitable for brass tube, brass 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