

# W-20 Webster Hardness Tester

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## Introduction

- A portable instrument which can perform on-site hardness test on soft metals in accordance with American Standard ASTM B647.
- Used to check the result of heat treatment and determine if the mechanical performance of the workpiece is acceptable.
- Suitable for testing the hardness of aluminium profiles, tubings, sheets and other shapes.
- Used for testing the with long or heavy workpieces or assemblies inconvenient to be sent to the labs.
- Ideal for qualification inspection on the production site. used to test aluminum profiles.

## Main Technical Parameters

|                  |        |
|------------------|--------|
| Measuring Scope: | 0-20HW |
| Resolution:      | 0.5HW  |
| Weight:          | 0.5kg  |

## Application

W-20,W-20a and W-20b are used to test aluminum profiles on the production site and application.

## Standard Package

- Tester
- Standard hardness block
- Calibration wrench
- Spare indenter
- Small screwdriver
- Carrying case

**Optional Accessories**

Standard hardness blocks

Spare indenter

Calibration wrench

Dial Glass

Spare dial head

**Model Selection**

| Model | Application Range | Hardness Range                 | Specimen Dimension(mm)             |
|-------|-------------------|--------------------------------|------------------------------------|
| W-20  | aluminum alloy    | 25~<br>110HRE<br>58~<br>131HRV | Thickness 0.4-6 Inner diameter>10  |
| W-20a |                   |                                | Thickness 0.4-13 Inner diameter>10 |
| W-20b |                   |                                | Thickness 0.4-8 Inner diameter>6   |