

Webster Hardness Tester



Features of Webster Hardness Tester

1. This Webster hardness tester is a portable testing instrument and could quickly test the hardness of aluminum alloy and other soft metal on site. It is in accord with the ASTM B647 standard.
2. It is used to test the heat treating effect of materials and determine whether the alloy composition of material is qualified or not.
3. It is used to test the hardness of soft metals, pipes, plates and other parts.
4. This portable hardness tester can be used to test extra long, extra heavy workpieces or assembly parts which are not convenient to be sent into the laboratory.
5. It is especially suitable for testing the bench production, piece by piece on site.
6. Made from anodized, forged Al alloy, the upper hand handle is beautiful, wear resistant and pollution free.
7. The hardness indenter adopts new material and new technology, and features high hardness and long service life.
8. Different models available for testing aluminum alloy, brass, copper alloy and copper.

Technical Parameters of Webster Hardness Tester

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|---------------------|--------------------|
| Testing Range | 0~20HW (25~110HRE) |
| Testing Accuracy | 0.5HW |
| Indication Error | 0.5HW (5~17HW) |
| Repeatability Error | 0.5HW (5~17HW) |
| Net Weight | 0.5kg |

Applications of Webster Hardness Tester

- a. W-20 Webster hardness tester is commonly used to test common aluminum profiles and pipes.
- b. W-20a thickened type is applicable for testing the hardness of aluminum profile with the thickness less than 13mm.
- c. W-20b thin pipe type is suitable for testing of thin pipes with the inside diameter of above 6mm.
- d. W-B75 brass type hardness tester is designed for testing the hardness of brass material.
- e. W-BB75 red copper type is applicable for red copper materials.
- f. W-B92 soft steel type Webster hardness tester is used to test stainless steel sheets and cold-rolled steel sheets.

Standard Package

- Tester
- Webster hardness block (high value)
- Calibration wrench
- Spare indenter
- Small screwdriver
- Carrying case