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WEBSTER HARDNESS TESTER – W-20



Product Description:

1. Webster Hardness Tester is a portable instrument which can perform on-site hardness testing on soft materials. By a quick and easy test, the hardness value can be read out directly with a simple clamp, in accordance with American Standard ASTM B647.
2. Used to check the result of heat treatment and determine if the mechanical performance of the work piece is acceptable.
3. Test can be completed by one press.
4. Model W-20 equivalent to US Model B Tester.
5. Very fast, very simple and very portable, small indentation.
6. Suitable for testing the hardness of aluminium profiles, tubings, sheets and other shapes.
7. Used for testing the with long or heavy work pieces or assemblies inconvenient to be sent to the labs.
8. Used to check the result of heat treatment and determine if the mechanical performance of the work piece is acceptable.
9. The Webster hardness value can be converted into the common-used Vickers, Rockwell and Brinell hardness value.
10. Different models available for testing aluminum alloys, brass, copper alloy and copper.

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Application:

1. Used to ascertain if the work piece has been heat-treated and check the effect of heat treatment.
2. Used to ascertain if the work piece is made and processed by improper alloys.
3. Used for testing the work pieces with overlength, overweight or assemblies.
4. Used for production inspection, acceptance inspection and quality monitoring and inspection

Technical Parameters:

Measuring Range : 0-20HW (Equivalent to 20-110 HRE, Model W-20)

Resolution : 0.5 HW

Accuracy : 0.5 HW

Hardness Range in Rockwell scale : 25-110HRE, 58-131HRV

Specimen Dimension(mm): Thickness 0.4 – 6; Inner diameter>10

Standard Package:

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

