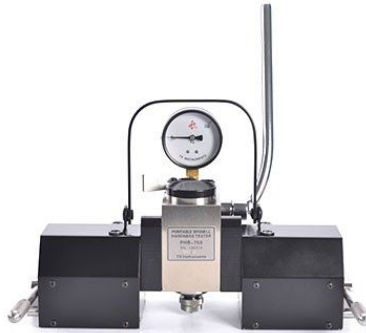


PHB-750 Magnetic Hydraulic Brinell Hardness Tester



GENERAL DESCRIPTION

Fix the test head of the hardness tester on the iron and steel part by the magnetic attractive force. The core part of this magnetic type Brinell tester is a small hydraulic system. The operator could actuate the hydraulic pump to produce 750kg test force by operating the pressure lever. There is a control valve in the hydraulic system which is used for controlling the test force. When the test force comes to 750kg, the control valve will immediately turn on and off, with the force falling down. According to the ASTM E110 and GB/T 4285, keep loading test force to make indicator hand points at 750kg for 3 to 4 times. It is an accurate and highly qualified portable hardness tester for metal, and is equivalent to the regulation of Brinell hardness testing approach to hold test force for 10 to 15 seconds.

FUNCTION AND FEATURES

- Magnetic Design: Tests can be finished as long as the tester is attached to one side of the specimen.
- Test on site: The hardness test can be finished with no need for moving specimens.
- High Reliability: A 5mm test ball and 750kg test force are applied in the test. Compared with the 2.5mm test ball condition, it has a larger indentation and better representativeness, and it is easier to read.

TECHNICAL PARAMETERS

Test force: 750kg

Test ball: 5mm hard alloy ball

Test range: 100~650HBW

Indication error: Comply with ISO 6506, and ASTM E10.

Repeatability error: Comply with ISO 6506, and ASTM E10.

Test force error: Comply with ISO 6506, and ASTM E10.

Weight: 15.8kg

Surface: Flat: area \geq 290mm \times 90mm

Cylinder: diameter \geq 120mm

Package of PHB-750 Magnetic Hydraulic Brinell Hardness Tester

Standard Package



Tester



Load Handle



Brinell Hardness Block



20X Reading Microscope



5 mm Carbide
Ball Indenter



Seat Iron