KING®
A KTC Instruments Company

Portable Brinell Tester

METAL HARDNESS TESTING MADE EASY

The KING Portable Brinell Tester is the most reliable, user-friendly and affordable and the ONLY portable Brinell tester on the market that is Directly Verifiable.

ACCURATE

- Manufactured to exacting tolerances ensuring consistent, repeatable results
- Certifications/Standards ASTM E-10, ASTM E-110, ISO 17025
- Calibrated with traceability to NIST
- Calibrated to build, then release, a load of 3000 kgf of pressure
- Permanent impression can be checked and rechecked
- 360° orientation and self-aligning

DURABLE

- Tungsten carbide ball certified for density and roundness
- Stroke limiter for reduced operator error and provides consistent performance between operators
- One-year limited warranty
- Calibration and service plans available

VERSATILE

- Can be used in any position; right side up, upside down, or even sideways
- Portable so either the part can be moved to the tester or you can take the tester to the part
- Lightweight and easy to maneuver
- Fully interchangeable with multiple bases
- Only one operator required
- Flat, dome and “V” anvils supplied as standard equipment

KING Tester Corporation is the industry leader in the manufacturing and distribution of portable Brinell hardness testers and most recently Rockwell testers. Our customers include some of the largest names in aerospace, rail, auto, foundries, steel and aluminum mills, calibration labs, oil and gas, heat treaters, wear parts, military, infrastructure, construction and utilities. We are committed to quality. KING Tester received the ISO 17025 accreditation from the American Association for Laboratory Accreditation (A2LA). All KING Tester products are certified and calibrated per ASTM E10 standards.

Z-CHECK CORPORATION
35560 Grand River Ave, #420
Farmington Hills, MI 48335
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Website: www.z-checkcorp.com

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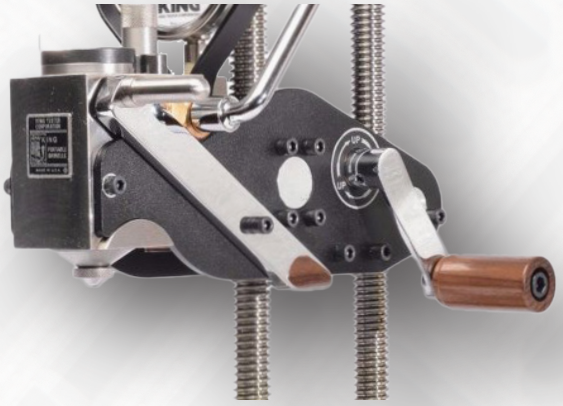
SPECIFICATIONS

Operation Method/Principle: Brinell (tungsten carbide ball with a manual hydraulic applied load)
Certifications/Standards: ASTM E-10, ASTM E-110, ISO 17025
Dimensions & Weight: 23.5" x 11" x 12"; 38 lbs.
Scales: HB30, HB15
Loads: 62.5 kgf to 3000 kgf
Load Application: Manual
Tester Base Capacity: 4" horizontal reach and 13.5" vertical (larger bases available)



THE ULTIMATE IN VERSATILITY

KING Portable Brinell Testers are versatile enough to test any size and shape of metal.

Long Ram Test Head for easy access into recessed areas or over raised edges.

Low Pressure Test Head for softer metals, can be calibrated to release loads of 62.5 kgf, 125 kgf, 250 kgf, 500 kgf, 750 kgf or 1000 kgf.

Chain Adapter for testing an unlimited range of differently sized parts. Comes with 4' of chain. Longer lengths available.

KING Tester Bases allow testing of your tallest and widest metal pieces.

C-1 Standard Base - 13 1⁄2" Gap with 4" Throat for metal or round parts with a max. dia. of 8".

C-5 Base - 13 1⁄2" Gap with 6" Throat for wide parts including pipes with a max. dia. of 12".

C-6 Base - 20" Gap with 4" Throat for tall parts, such as pipes with large openings.

C-7 Base - 20" Gap with 6" Throat for your largest parts on the shop floor or in the field.

KING Tester microscopes and automatic readers fit your every need.

KingScope™ requires less surface preparation because of the nose piece design.

KingScope™ 100 rugged, portable ASTM Type A scope with 0.01 mm accuracy. LED illumination allows for easy and quick focus.

KingScan™ automatic digital microscope, reads impressions to within 0.001 mm accuracy. Uses digital camera and computer software to record and save data.

KING Tester Test Blocks are traceable, serialized, affordable and meet ASTM E-10 standards of 1% tolerance. Our patented, etched, cross-hair design improves test accuracy.

KING Master Test Block (2" x 6") is available in multiple formats including HB 30, HB 15, HB 10, and HB 5.

KING Master Test Block (4" x 4") is available for all Brinell scales. The larger block size reduces your cost per indent. The etched alphanumeric grid improves record keeping accuracy.

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