

KING PORTABLE BRINELL TESTERS

The King Portable Brinell metal hardness testers are the most reliable, easy to use, affordable and the **ONLY** full load portable Brinell testers on the market that are Directly Verifiable.

- Certifications/standards
ASTM E-10
ASTM E-110
- Accurate to within .5%
- Calibrated with traceability to NIST
- 3000 kgf load.
- Made in the USA
- 360° orientation and self aligning
- Consistent, dependable and repeatable
- Tungsten carbide ball certified for density and roundness
- Fully interchangeable with multiple bases and adapters
- Long ram and low pressure heads available



Archive image of a Chain Adapter

KING[®]

BRINELL TEST BLOCKS MICROSCOPES

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Phoenixville, PA 19460 USA



BRINELL
TEST BLOCKS
MICROSCOPES
PINS

Metal
Hardness Testing
Made Easy

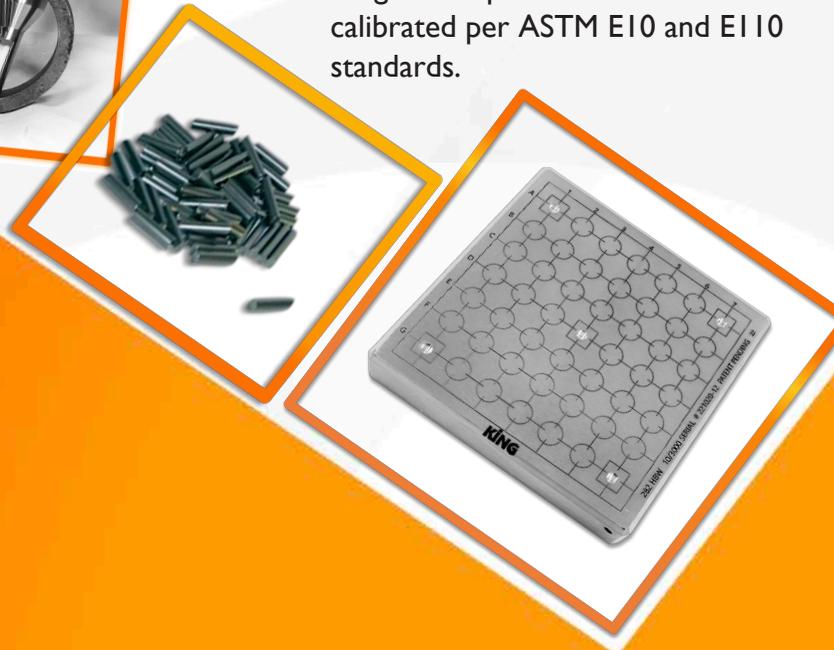


www.KINGtester.com

For over 85 years, **KING Tester Corporation** has been the industry's leading manufacturer and distributor of full load portable Brinell testers, scopes, test blocks.

We lead the industry because we are committed to serving all our customers with the highest standards of product quality, reliability, and technical support.

We are committed to quality. KING Tester is ISO 17025 accredited. King Tester products are certified and calibrated per ASTM E10 and E110 standards.



**All KING Portable
Brinell Testers
are made in the USA!**

SCOPES

KingScope

The **KingScope** has a narrow nose piece which easily fits into tight recesses, resulting in less grinding on castings, billets and dies.

- ASTM E-10 Type B
- Accurate to nearest 0.1mm
- Features a 20x pre-focused lens and penlight

KINGScope

KingScope 100

The **KingScope 100** is the most accurate manual scope on the market with resolution at .01 mm!

- ASTM E-10 Type A
- Accurate to nearest 0.01mm
- 20x total magnification
- Adjustable Reticle

KINGScope 100



KingScan® V

The **KingScan® V** scope makes reading impressions as easy as the click of a button!

- Accurate to 0.001mm
- Results in less than 5 seconds
- Instant data storage
- WI-FI Connectivity
- Ergonomic design
- Suitable for lab or shop
- All-in-One
- Cordless

TESTER MODELS

Heads



STANDARD TEST HEAD - Loads of 3000 kgf, 1500 kgf Provides reliable and accurate results.



LOW PRESSURE TEST HEAD - Lower pressure test for softer metals loads of 62.5 kgf, 125 kgf, 250 kgf, 500 kgf, 750 kgf or 1000 kgf.



LONG RAM TEST HEAD - Access smaller spaces. Also available in a low pressure model.

BASES



C-1: 13 1/2" Gap and 4" Throat - testing round pieces of metal with a maximum diameter of 8".

C-5: 13 1/2" Gap with 6" Throat - testing wider pieces of metal with a max. diameter of 12".

C-6: 20" Gap with 4" Throat - testing taller pieces of metal with max. height of 19.5".

C-7: 20" Gap with 6" Throat - testing large pieces of metal on the shop floor or in the field with max. height 19.5".

C-8: Small Adjustable - testing small pieces of metal from 0.5" to 1.5"

TEST BLOCKS

KING Tester offers a large range of Brinell metal hardness test blocks that meet ASTM E-10 standards. The **patented KING Tester design** improves test accuracy and provides the most economical and reliable daily verification for Brinell testers. **Two sizes of test blocks are available.**



4" x 4"



2" x 6"

PINS



Test anywhere on your part with **KingPin** hand-held Brinell testers, meets ISO-6506.

Two types of pins available:

- **Gold:** Individually marked and traceable less than 0.5% tolerance
- **Standard:** Traceable to 1% tolerance

ADAPTERS



Chain Adapter - Flexibility to apply a 3000 kgf load on large diameter parts.

Reverse Adapter - Provides functionality of testing a part with view of the gauge from either the front or the back side.

