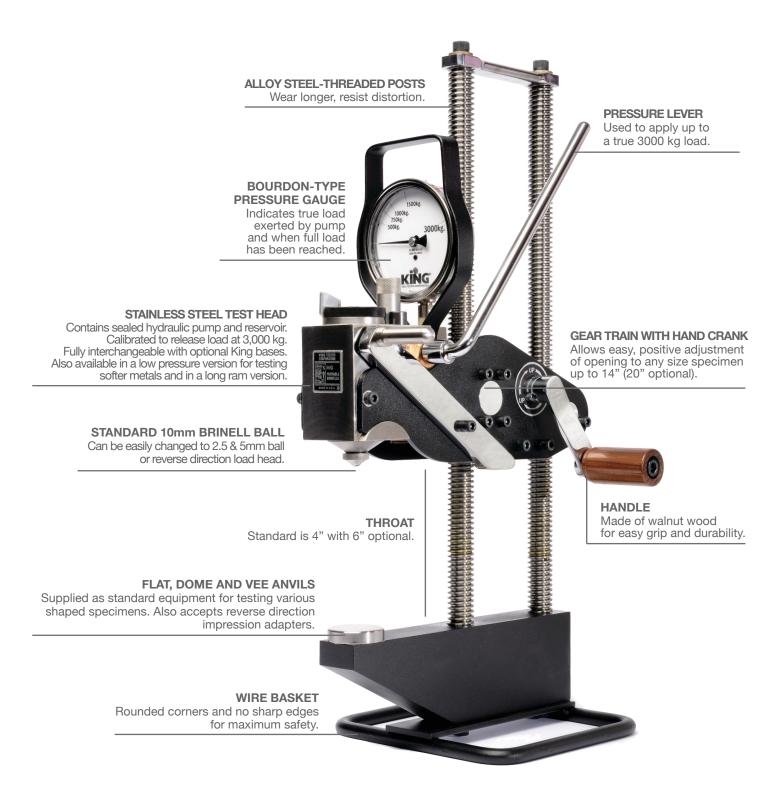


STANDARD KING BRINELL HARDNESS TESTER

The King Brinell hardness tester has a

- base with a 14" gap and 4" throat head and gauge calibrated for a 0 3000 kg. load
- filled hydraulic reservoir
- 10mm steel ball
- flat, dome and vee shaped anvils
- instruction and maintenance manuals.



OPTIONAL ADAPTERS AND COMPONENT PARTS



STANDARD TEST HEAD Calibrated accurate to 1/2 of 1% load. Releases at 3,000 kg automatically. Capable of incremental loads.

STANDARD TEST HEAD WITH LONG RAM

Same features as standard test head plus a long ram that puts impression head at end of 2" extension for easy access into recessed areas or over raised edges.





LOW PRESSURE TEST HEAD WITH LONG RAM

Same features as low pressure test head plus a long rarn that puts impression head at end of 2" extension for easy access into recessed areas or over raised edges.



CHAIN ADAPTER

1000 kg.

LOW PRESSURE TEST HEAD

calibrated to release at loads of

Applied load and indicator dial are

coordinated for softer metals. Can be

62-1/2 kg, 125 kg, 250 kg, 500 kg, or

Used for large cylinders it fits onto a standard test head and wraps around specimens that are too big for regular tester. High strength chrome/molybdenum steel arms hold the chain to the test head and allow it to stay rigid while the chain takes the full thrust of the load. Supplied with 4' chain.

BASE

14" base with 14" test height opening and 4" throat is standard. Optional 6" throat with either 14" or 20" test height opening available. 20" base also available with 4" throat and 20" test height opening.





ADAPTER TO HOLD TEST HEAD **UPRIGHT WITHOUT BASE** For testing large flats it enables test heads to be used under large drill

presses, boring mills, arbor presses and beams that are capable of withstanding 3000 kg load.

REVERSE DIRECTION LOAD ADAPTER

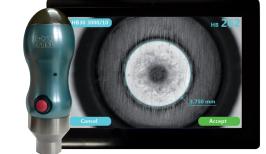
Used inside pipes, tubes and other interior locations that are otherwise impossible to reach. Consists of an anvil which drops into the base and contains a 10mm ball penetrator; and a reverse direction load head, which screws onto the ram.





2.5 & 5mm BALL ADAPTER Used on softer materials or where a smaller impression is desired.

COMPLEMENTING ERNST PRODUCTS





E-BRIO² - OPTICAL BRINELL SCOPE

The Brinell test is of basic importance in many areas of quality control, but often inaccurate readings and long test cycles have a negative impact on productivity.

Ernst is pleased to introduce the new model e • brio2, equipped with a new lighting system and a new algorithm of indentation's edge detection, able to read reliably and accurately on every material and surface, even on rough ones.

These features and its single probe suitable for all the indentation sizes make it a unique system in its category.



ANTARES - 20X LIGHT MICROSCOPE Antares is the new ERNST 20X light microscope for BRINELL reading. 6mm long scale - 0.05mm graduations. Suitable for checking of mechanical components.

The built-in leds provide an excellent and even illumination of the Brinell indentation's edge, avoiding that ambient light reaches the impression and disturbs the reading.

In this way, accurate and reliable results are ensured in any situation. Rugged aluminium housing provides durability and great efficiency up to 50 hours continuous operation without replacing the battery (a lamp on the main body indicates that light is on). The scope is delivered complete with ring for improved stability during testing and with stainless steel base for testing in tight locations.

