



**Brinell Portable Tester**



Figure 1.1 – THE KINGSCAN® V – Photo

- KingScan® V portable Brinell measuring device registered to you, pre-calibrated and certified.
- Brinell pocket hardness chart
- KingScan® Verification Test Block, which is unique to your KingScan® V and carries a unique serial # which matches your KingScan® V
- 3.7V Portable Charger
- Stylus
- Certificate of Calibration
- QR Code for operating manual
- Hard shell carrying case (please retain for storing and transporting the KingScan® V)

**Optional Adapters and Component Parts**

**Chain Adapter**



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.

**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.

**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.

**Low Pressure Test Head**



Applied load and indicator dial are coordinated for softer metals. Can be calibrated to release at loads of 62-1/2 kg, 125 kg, 250 kg, 500 kg, or 1000 kg.

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### 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.

### Low Pressure Test Head with Long Ram

Same features as low pressure 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.



### Standard Test Head

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

### 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.



### 2.5 & 5mm Ball Adapter

Used on softer materials or where a smaller impression is desired.



**King 100 Brinell scope 20x  
0.01mm resolution**

**We provide after sales , service , repair & calibration**

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