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## Rockwell Hardness Tester ZI 7003

Standards:

Specification:

### Standard Rockwell / Brinell Machine

The Hardness Testers have been designed and manufactured strictly conforming to IS, BS, ASTM, ISO and DIN Standards. Since 1966 for most exacting test requirements in the Laboratories and Workshops etc. These testers are designed and manufactured for measuring hardness of metals and alloys of all types, hard or soft, flat, round, tubular or irregular in shape. The testers are simple in design, easy to operate, yet very reliable and accurate.

### Standard Rockwell Method-Manual Operation

ZI 7003A: With automatic zero setting dial gauge and manual load selection.

ZI 7003B: With automatic zero setting dial gauge and Automatic load selection Standard Rockwell/Brinell Method-Manual Operation

ZI 7003C: With automatic zero setting dial gauge device and automatic load selection. Brinell Hardness Testing facility according to 30 F/D<sup>2</sup> ratio, with 187.5 kgf load and 2.5 mm dia ball indenter.

ZI7003D: Similar to ZI 7003C, but with additional test load of 250 kgf and 5 mm dia ball indenter for, testing Brinell hardness of non-ferrous metals according to 10F/D ratio.



	<b>ZI 7003A</b>	<b>ZI 7003B</b>	<b>ZI 7003C/D</b>
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Calibrated weight set kgf.	60,100,150	60, 100, 150, 187.5	60, 100, 150, 187.5, 250
Suitable Dial gauge	1 pc.	1 pc.	1 pc.
Flat testing table 50 mm dia.	1 pc.	1 pc.	1 pc.
Testing table 40 mm dia.	1 pc.	1 pc.	1 pc.
Spot Anvil	nil	nil	nil
Sphero-conical diamond cone penetrator 120°	1 pc.	1 pc.	1 pc.
1/16" dia. steel ball indenter	1 pc.	1 pc.	1 pc.
2.5 mm dia. steel ball indenter	nil	nil	nil
5 mm dia. steel ball indenter	nil	nil	nil
10 mm dia. steel ball indenter	nil	nil	nil
Test Block Rockwell C	1 pc.	1 pc.	1 pc.
Test Block Rockwell B	1 pc.	1 pc.	1 pc.
Test Block Rockwell Superficial 30 N	nil	nil	nil
Test Block Rockwell Superficial 30 T	nil	nil	nil
Test Block HB 2.5/187.5	nil	nil	nil
Test Block HB 5/250	nil	nil	nil
25X Brinell Microscope with chromatic objective & light	nil	nil	nil
Allen Spanner	2 pc.	2 pc.	2 pc.
Clamping device	1 pc.	1 pc.	1 pc.
Dashpot Oil	1 bottle	1 bottle	1 bottle
Instruction Manual	1 bottle	1 bottle	1 bottle
Collapsible cover for main screw protection	1 pc.	1 pc.	1 pc.
Storage case for accessories	1 pc.	1 pc.	1 pc.