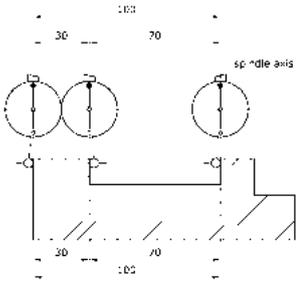


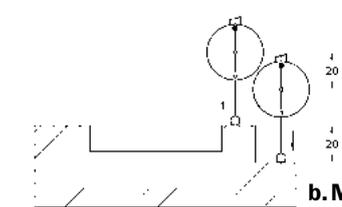
The New Generation of NC axis gauging equipment, for quick, accurate setting of all three axes (X, Y, Z) by analogue differential indicator. Suitable for all machine tools with CNC, NC or DRO and also for EDM/spark erosion tools - the stylus is electrically insulated from the spindle. Universal - one tool measures length, height, diameter and centre. The synchronous single needle allows greater needle displacement before reaching '12 o'clock'. A positive reading is given regardless of direction of axis movement. No calculations and no 'trial and error' involved. Increases production and efficiency, reduces job time and operator requirement. The stylus is designed to break on a 'nominal fracture' before the workpiece or tester can be damaged. Three plug in styli types can be changed in seconds without the use of special tools. Pre-adjusted to a concentricity of 0.01mm maximum.

**Indicator diameter:** 50mm.

**Clamping shank diameter:** 16mm.



**a. Measuring length**



**b. Measuring height**

**3D Axis Gauge**

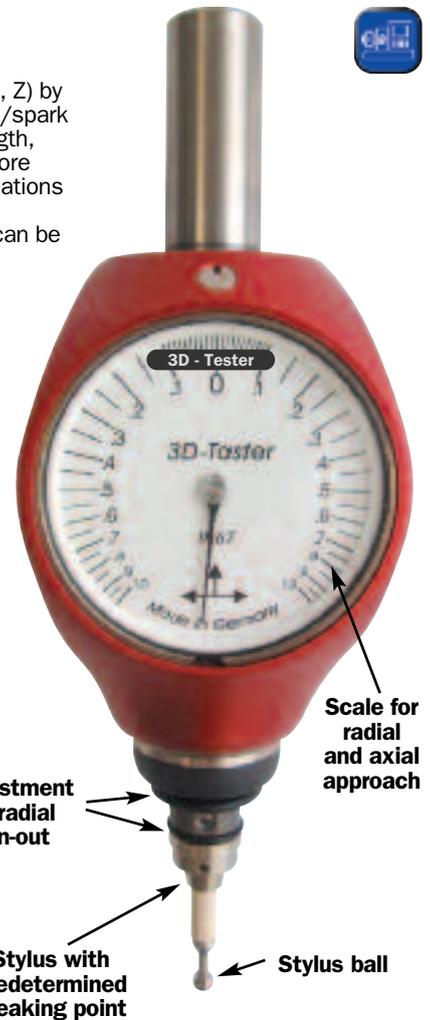
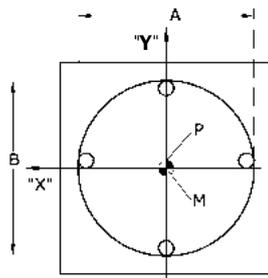
Indicator Dia.	Effective Length	Shank Dia.	Weight each	Order Code	Price/1 TB
50mm	125mm	16mm	89g	<b>KEN-302</b> -2010K	<b>17500.00</b>

**NEW**

**c. Establishing true centre and diameter of bores.**

Insert stylus roughly in centre of bore, measure distance A and divide by 2 (P). Measure distance B in Y direction, across point P and divide by 2.

Result: true centre point (M). Repeat measuring of distance A.



**Rockwell Hardness Tester Model 150R**

For testing the hardness of hard alloys, quenched and unquenched steels, using steel ball or diamond penetrators to measure Rockwell A, B & C units of measurement. Supplied with test block, flat large, small and V notch anvils, steel ball bearing indenter and diamond indenter. Manufactured in accordance with **ISO 6508-2:1999 & ASTM E18**.

**Measuring ranges:**

- 20-88HRA (Test force: 588.4N/60kgf),
- 20-100HRB (Test force: 980.7N/100kgf),
- 20-70HRC (Test force: 1471N/150kgf).

**Max height of test piece:**

80mm with screw protective jacket, 170mm without.

**Depth of throat:** 135mm.

**Dimensions:**

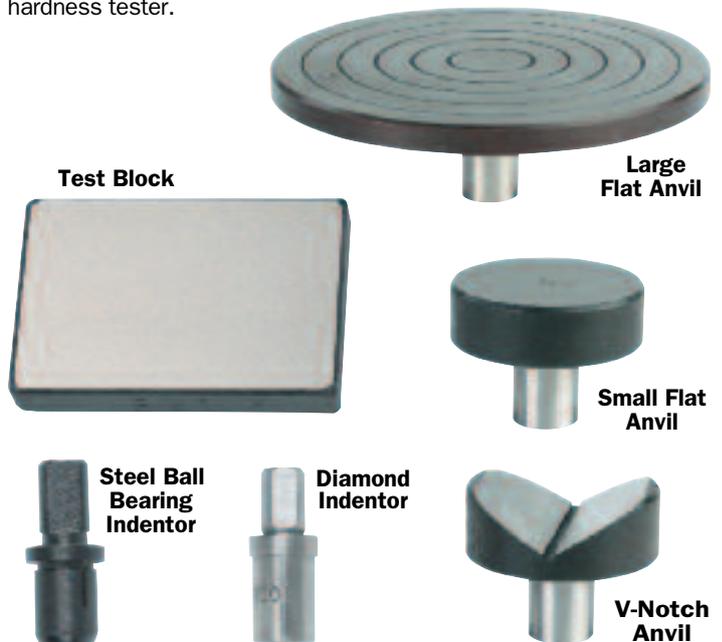
466 x 238 x 630mm.



Model Number	Weight each	Order Code	Price/1 TB
150R	65kg	<b>-1000K</b>	<b>88643.00</b>

**Anvils, Indentors & Test Blocks**

To suit Oxford hardness tester.



Description	Size	Order Code	Price/1 TB
Large Flat Anvil	150mm	<b>-9100K</b>	<b>3315.00</b>
Small Flat Anvil	58mm	<b>-9110K</b>	<b>2502.00</b>
V-Notch Anvil	-	<b>-9120K</b>	<b>2555.00</b>
Diamond Indentor	ø1.588mm	<b>-9150K</b>	<b>14311.00</b>
Steel Ball Bearing Indentor	ø1.588mm	<b>-9160K</b>	<b>2810.00</b>
Rockwell Std. Test Block	88 HRA	<b>-9200K</b>	<b>1352.00</b>
Rockwell Std. Test Block	85 HRB	<b>-9210K</b>	<b>1352.00</b>
Rockwell Std. Test Block	60 HRC	<b>-9220K</b>	<b>1369.00</b>
Rockwell Std. Test Block	35 HRC	<b>-9230K</b>	<b>974.00</b>
Rockwell Std. Test Block	20 HRC	<b>-9240K</b>	<b>974.00</b>

**PRECISION EQUIPMENT**