

5100 Portable Hardness Tester

Application:

For the majority of your hardness testing assignments.

Main Features

- OLED display of 128 X 32 matrix
- Converts to all hardness scales (HV, HB, HRC, HRB, HRA and HS)
- Easy to use menu driven system
- Mini USB Interface
- 600 groups of Data Memory
- Upper and lower limit of hardness can be preset with alarm
- In-built calibration software
- Use of optional devices Type C, DC, G, D+15, DL facilitated
- Smart skid proof design
- Operating environment: -10°C ~ +50°C, Humidity: 20% ~ 80%
- Storage environment: -30° ~ +80°, Humidity: 5% ~ 95%
- Dimensions: L: 155mm, W: 55mm, T: 25mm
- Weight: 160g

Application:

- Die cavity moulds
- Heavy work piece
- Assembled and permanently installed parts
- Failure analysis of pressure vessels steam turbo generator set and other large equipments
- Bearings and other parts
- Material identification of metals



Measuring Range / Materials

Material	HLD	HRB	HRC	HB	HV	HSD
Steel and cast steel	300-900	38-100	20-68	81-654	81-955	32-100
Cold work tool steel	300-840	-	20-67	-	80-898	-
Stainless steel	300-800	46-101	-	85-655	85-802	-
Grey cast iron	360-650	-	-	93-334	-	-
Nodular cast iron	400-660	-	-	131-387	-	-
Cast aluminum alloys	170-570	23-84	-	19-164	-	-
Brass	200-550	13-95	-	40-173	-	-
Bronze	300-700	-	-	60-290	-	-
Copper	200-690	-	-	45-315	-	-