

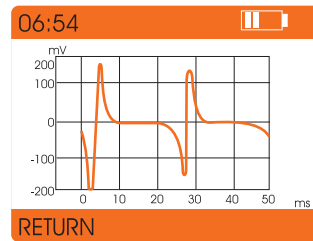
# TH-420 High Precision Colour Screen Portable Hardness Tester



### FEATURES

- High-Performance ARM processor with CORTEX M4 Processing Chip
- Values in all Hardness Scales Displayed at a glance on the main interface
- Six Impact Devices available for special applications
- Automatic Impact Device Probe identification with plug and play feature
- Impact waveform bench marking (PROCEQ type) to judge the effectiveness of the test and working state of Impact Device
- Wide measuring range (see next page)
- USB communication interface with data processing Software
- Optional Bluetooth printer
- Power Source: 2 x 1.5V AA Battery

### INDUSTRY-LEADING TECHNOLOGY



### MULTIPLE HARDNESS VALUES CAN BE DISPLAYED IN ONE MEASUREMENT

HL 780	HRB---	HS 79.4
HL 609	HRC 58.6	HV 665

### MEASURING RANGE

Material	System Hardness	Impact Devices (Optional)					
		D/DC	D+15	C	G	E	DL
STEEL AND CAST STEEL	HRC	17.9-68.5	19.3-67.9	20.0-69.5	-	22.4-70.7	20.6-68.2
	HRB	59.6-99.6	-	-	47.7-99.9	-	37.0-99.9
	HRA	59.1-85.8	-	-	-	61.7-88.0	-
	HB	127-651	80-638	80-683	90-646	83-663	81-646
	HV	83-976	80-937	80-996	-	84-1042	30.6-96.8
	HS	32.2-99.5	33.3-99.3	31.8-102.1	-	35.8-102.6	30.6-96.8
WROUGHT STEEL	HS	32.2-99.5	-	-	-	-	-
CWT, ST	HRC	20.4-67.1	19.8-68.2	20.7-68.2	-	22.6-70.2	-
	HV	80-898	80-935	100-941	-	82-1009	-
STAINLESS STEEL	HRB	46.5-101.7	-	-	-	-	-
	HB	85-655	-	-	-	-	-
	HV	85-802	-	-	-	-	-
GC, IRON	HRC	-	-	-	-	-	-
	HB	93-334	-	-	92-326	-	-
	HV	-	-	-	-	-	-
NC, IRON	HRC	-	-	-	-	-	-
	HB	131-387	-	-	127-364	-	-
	HV	-	-	-	-	-	-
C, ALUM	HB	19-164	-	23-210	32-168	-	-
BRASS	HRB	23.8-84.6	-	22.7-85.0	23.8-85.5	-	-
	HB	-	-	-	-	-	-
BRONZE	HRB	-	-	-	-	-	-
COPPER	HB	60-290	-	-	-	-	-
	HB	45-315	-	-	-	-	-