

# TH-170 Leeb Hardness Tester



The **YAMAYO BLISS TH-170** is an high accuracy hardness tester(uses Lemo connector for high accuracy levels) distinguished by using variety of optional impact devices for suitable applications, wide measuring range, simplicity of operation, low power consumption and long standby time.

CONFIRMS TO THE INTERNATIONALLY ACCEPTABLE STANDARD  
**ASTM A956-02**

- Measuring Direction: Any Direction
- Screen Display: 128\*64 dot matrix LCD, backlight and adjustable contrast
- Data Memory: 100 group of readings
- Power: 3\*1.5V AAA
- Weight: 0.22Kg (Standard Configuration : Host +D Impact device)
- Dimension: 155mm×68mm×27mm
- Standard Accessories: Main Unit, D Impact device, Standardized test block, Small support ring, Nylon cleaning brush, Calibration Certificate & Manual

Measuring Range / Materials							
	System Hardness	Impact Devices (Optional)					
		D/DC	D+15	C	G	E	DL
<b>STEEL AND CAST STEEL</b>	HRC	17.9-68.5	19.3-67.9	20.0-69.5	-	22.4-70.7	20.6-68.2
	HRB	38.4-99.6	-	-	47.7-99.9	-	37.0-99.9
	HRA	59.1-85.8	-	-	-	61.7-88.0	-
	HB	81-651	80-638	80-683	90-646	83-663	81-646
	HV	83-976	80-937	80-996	-	84-1042	80-950
	HS	32.2-99.5	33.3-99.3	31.8-102.1	-	35.8-102.6	30.6-96.8
<b>WROUGHT STEEL</b>	HS	32.2-99.5	-	-	-	-	-
<b>COLD WORK TOOL STEEL</b>	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	-
<b>STAINLESS STEEL</b>	HRB	46.5-101.7	-	-	-	-	-
	HB	85-655	-	-	-	-	-
	HV	85-802	-	-	-	-	-
<b>GREY CAST IRON</b>	HRC	-	-	-	-	-	-
	HB	93-334	-	-	92-326	-	-
	HV	-	-	-	-	-	-
<b>NODULAR CAST IRON</b>	HRC	-	-	-	-	-	-
	HB	131-387	-	-	127-364	-	-
<b>CAST ALUMINUM</b>	HV	-	-	-	-	-	-
	HB	19-164	-	23-210	32-168	-	-
<b>BRASS</b>	HRB	23.8-84.6	-	22.7-85.0	23.8-85.5	-	-
	HB	-	-	-	-	-	-
<b>BRONZE</b>	HRB	-	-	-	-	-	-
	HB	60-290	-	-	-	-	-
<b>COPPER</b>	HB	45-315	-	-	-	-	-