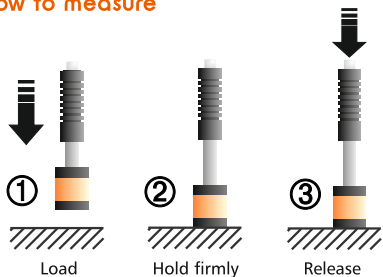


## How to measure



- Don't load the impact device on the test piece
- Don't measure over previous indentations
- Test piece must be clean and dry
- Check the angle to make sure it is set correctly
- Clean the impact device with the brush that comes with the unit, avoid using grease or lubricants.

## Minimum test piece requirements

Minimum Weight	No Support	Supported	Coupled w/paste
	5 Kg	2 Kg	0,1 Kg
Minimum Thickness	Coupled		Surface Thickness
	3 mm		0,8 mm
Surface Rough.	ISO Roughness	RT Rough.	RA Rough.
	N7	10 $\mu$ m	2 $\mu$ m

## Technical Specifications

Measuring principle	Impact-Rebound Leeb
Impact device	Type D
Angle adjustment	Manual
Precision	$\pm 4$ HLD
Measuring range	150 ~ 990 HLD
Alarms	Low and High
Memory (Model DL)	1000 values
Power supply	2 AA batteries
Battery life	100 hours
Operating Temperature	-10°C a +50°C
Dimensions	69 x 115 x 28 mm
Weight	155g with batteries

## QH2 hardness ranges and materials

	Steel	Stainless Steel	Tool Steel
HB	80 ~ 647	85 ~ 655	
HV	80 ~ 940	85 ~ 802	80 ~ 935
HRB	38 ~ 99	46 ~ 101	
HRC	20 ~ 68	20 ~ 62	20 ~ 67
HS	32 ~ 99		

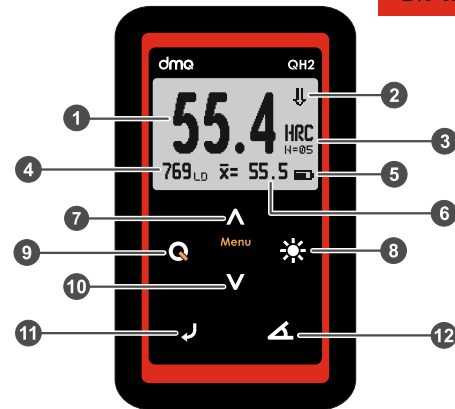
## Suggestions

- Don't store the unit with batteries for long periods of time
- Don't strangle or pull the impact device cable
- Don't clean the unit with solvents or abrasive elements
- Don't expose the unit to sun over long periods of time



## Portable impact hardness tester

QH2



## Display

- 1: Measurement
- 2: Angle
- 3: Unit and sampled
- 4: Leeb value
- 5: Battery level
- 6: Group average

## Keyboard

- 7: Up / Menu key
- 8: Backlight key
- 9: On / Off / Extra-Info key
- 10: Down key
- 11: Enter / Store value key
- 12: Set angle key