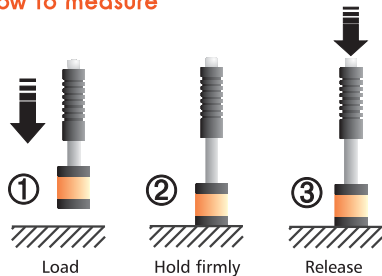


How to measure



- 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 5 Kg	Supported 2 Kg	Coupled w/paste 0,1 Kg
Minimum Thickness	Coupled 3 mm		Surface Thickness 0,8 mm
Surface Rough.	ISO Roughness N7	RT Rough. 10 µm	RA Rough. 2 µm

Technical Specifications

Measuring principle	Impact-Rebound Leeb
Impact device	Type D
Angle adjustment	Manual
Precision	±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

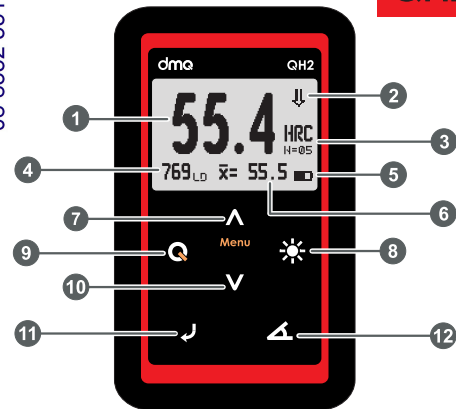
	Steel	Stainless Steel	Tool Steel
HB	80 ~ 647	85 ~ 655	
HV	80 ~ 940	85 ~ 802	80 ~ 935
HRB	38 ~ 99	46 ~ 101	
HRC	20 ~ 68	20 ~ 62	20 ~ 67
HS	32 ~ 99		

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



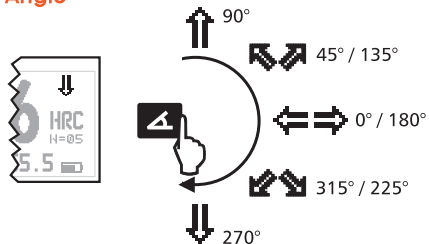
Display

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

Keyboard

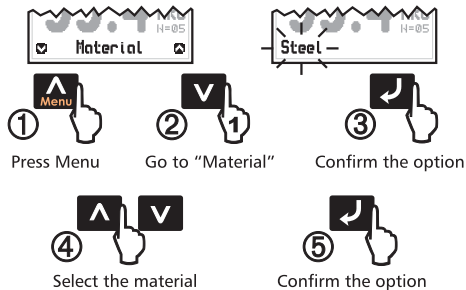
- 7: Up / Menu key
- 8: Backlight key
- 9: On / Off / Extra-Info key
- 10: Leeb value
- 11: Enter / Store value key
- 12: Set angle key

Set Angle

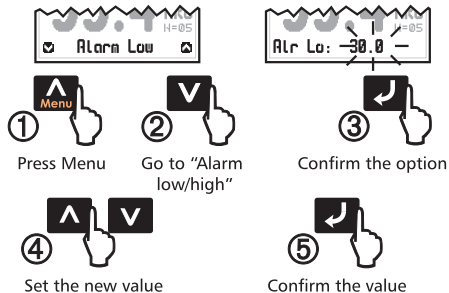


With a short touch in the measuring screen:
 Leeb-Average → Material → Datalogger

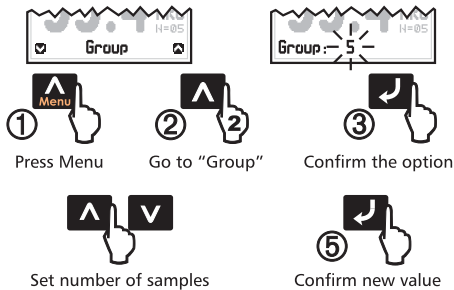
Select Material



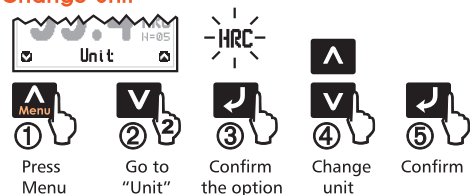
Setting Alarms (Low & High)



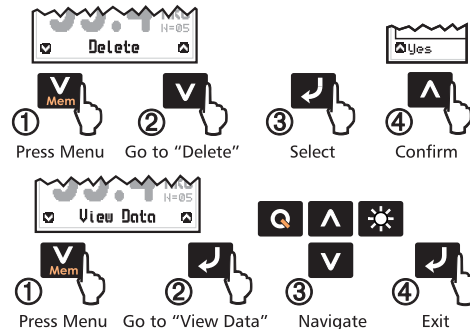
Set number of samples in group



Change unit



Erase and view data (models DL)



To connect the unit to DataCenter open the program in your PC, connect the unit to the USB and just wait for connection.