

## Rebound Hardness Testers

QH5 Series

### Portable & Reliable

QH Series Leeb Hardness Testers are a practical and reliable alternative (not a replacement) to the traditional bench hardness testers. Obtain quick measurements with immediate conversions to the more common hardness units such as Rockwell, Brinell, Vickers, and Shore. Mechanical resistance can also be measured.

























## **Outstanding Features**

- Meets ASTM A-956 standards
- Accuracy of ± 4HL (0.5% at 800HL)
- Impact devices can be used in all directions
- CalTag technology to easily switch impact devices
- Histogram graphics and statistics
- Optional mini-printer

- High impact ABS enclosure w/ rubber sides
- Touch-Sense front panel (no mechanical parts)
- Programmable quick access key
- Transfer data to a PC via USB
- dmq DataCenter Software
- 5 year limited warranty



# QH5 Series

3 Models		Impact Device Types			
- WIGHEIS		D / DC	G	DL	С
	QH5 <mark>D</mark>	•			
	-				
	QH5 G	•	•		
	QH5 M	•	•	•	•
•	dmq impact devices include Cal-Tag technology so that impact devices can be changed with no need to calibrate the unit.  Cal-Tag technology is exclusive from Demeq.			Company of the Compan	MANAGANA
	Steel & Cast Steel				
	Brinell (HB) Vickers (HV) Rockwell C (HRC) Rockwell B (HRB) Rockwell A (HRA) Shore (HS) Rm (N/mm2)	81-663 81-996 20-72 37-100 — 32-100 275-2194	90-646 — — 48-100 — — 305-2194	80-683 80-996 20-70 — — 32-99 275-2194	81-646 80-950 21-68 37-100 — — 275-2297
	Alloy Tool Steel				
	Vickers (HV)	80-898	_	_	_
	Rockwell C (HRC) Stainless Steel	20-67	_	_	_
	Brinell (HB)	85-655	_		_
	Vickers (HV)	85-802	_		_
	Rockwell C (HRC)	20-62	_		_
	Rockwell B (HRB)	46-102	—	—	_
	Grey Cast Iron				
	Brinell (HB)	92-334	92-326		
	Spheroid Iron	127 207	127-364		
	Brinell (HB) Cast Aluminum	127-387	127-304	_	_
	Brinell (HB) Brass	19-160	_	_	_
	Brinell (HB)	40-173	_	_	_
	Rockwell B (HRB)	14-95	_		_
	Copper				
	Brinell (HB)	45-315	_		
	Bronze	CO 200			
	Brinell (HB)	60-290	_	_	_

## dmq DataCenter Software

With dmq DataCenter values stored in the unit memory can be transferred to a PC via USB so that with tools included in DataCenter you can generate statistics, graphics, export values to other programs, and prepare custom reports.



### **Technical Specifications**

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Measurement			
Method:	Leeb rebound method		
Resolution:	1 HL - 1 HB - 1HV - 0.1HRC - 0.1 HR		
	- 0.1 HRB - 0.1 HS - 1 N/mm2		
Accuracy:	± 4 HL (0.5% at 800 HL)		
Measuring range:	HL 200 - 960		
Impact angles:	0°, 45°, 90°, 135°, 180°.		
Features			
Histogram:	3 to 18 bars		
Statistics:	Medium, Max, Min, Std Dev, Range		
User units:	HU-1, HU-2 user generated		
Clock:	Time and date registration		
Alarms	High and Low		
Data Logger			
Capacity:	32000 + values		
Organization:	Up to 8 files with names		
Capture modes:	Manual and Automatic		
Electronic unit			
Dimensions:	78 x 117 x 24 mm		
Weight:	200g with batteries		
Working Temp.	-10° to +50°C		
Enclosure:	High impact ABS w/ rubber sides		
Power Supply			
Batteries:	2 x AA 1,5v		
Operation:	120 hours w/ backlight off		
Shutdown:	Manual, Auto or Continuous		

#### **Presentation**

- QH5 Electronic Unit
- Impact Device
- Test Block
- Coupling Paste
- USB Cable
- dmq DataCenter Software
- Printed User Manual
- High Impact Carrying Case
- Certificate of Conformity

