




# Portable Leeb Metal Hardness Testers


Take the QH5 to obtain fast and precise measurements on a wide variety of metal parts including complex shaped and massive parts.


Get instant readings in the most common hardness units using the best suited impact device for your application.


 Measure with the Leeb (rebound) method


 Measures in the most popular units


 Accepts all impact device types<sup>1</sup>

 CalTag: Impact devices with calibration

 Memory for 32000 readings

 USB for data transfer

 Real time histogram graphics

 Real time complete statistics

 5 year limited warranty<sup>2</sup>

 The best post-sale support



1. QH5 M model.

2. On the electronic unit.



## Ideal for...

Measuring forged or founded parts

Classifying and identifying materials

Measuring in confined or reduced spaces

Conducting controls during production

## Impact devices With CalTag



**Type D impact device:** General use impact device that offers the widest ranges in all hardness units and available materials.



**Type DC impact device:** Type D impact device with a short body, ideal for measurements in reduced spaces.



**Type C impact device:** A low impact energy produces a smaller indentation. Ideal for measure superficial heat treatment and small parts.



**Type G impact device:** Ideal for measurements on rough surfaces with little preparation. Recommended for large, founded and forged parts.



**Type DL impact device:** Features a 50 mm long tip and 4 mm diameter. Ideal to measure in hard to reach places such as grooves and gears.



**Type E impact device:** Ideal for measuring high hardness (up to 1200HV). This is the best option to measure hardened steel or parts with similar treatments.

**Range:** HL 150 - 960

**Accuracy:** ±4HL (0.5% at 800HL)

## Models



Models



D / DC



G



C - DL - E

QH5 D



QH5 G



QH5 M



### DIMENSIONS



79 x 117 x 32mm  
(3.11 x 4.6 x 1.26in)

### WEIGHT



182g  
(0.40lbs)

### POWER



Battery: AA x2  
Battery life: 150 Hours<sup>3</sup>

### INTERNATIONAL STANDARDS



ASTM A956



CE Marking

### HARDNESS UNITS

**HL HB HV  
HRB HRC<sup>2</sup>  
HS N/mm<sup>2</sup>**

Leeb Rockwell C  
Vickers Rockwell B  
Brinell MPa  
Shore User Units<sup>4</sup>

### MATERIALS



Steel Stainless  
Aluminum Copper  
Grey Cast Iron Bronze  
Nodular Cast Iron Brasst

3. Display light off.

4. User can set units for measuring materials not included in equipment list.

## Ready to use

Delivered in a high impact carrying case, inside you will find:

- 1 QH5 electronic unit
- 2 Impact device <sup>5</sup>
- 3 Reference test block
- 4 Coupling paste for parts
- 5 Pendrive with dmq DataCenter software
- 6 USB cable to connect to a PC
- 7 Printed user manual
- 8 Certificate of conformity

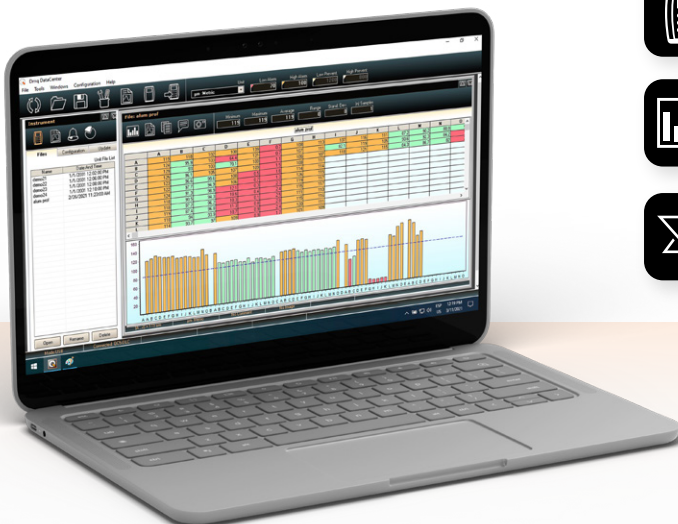


5. Depends on the model.

## dmq DataCenter

It's our acquisition software for PC that allows to receive, process and export the data stored in our equipment with datalogger.

DataCenter is available for download from our website at no additional cost.



Transfer data to your PC



View measurements



Create graphics



Analyze data



Export to other programs



Generate and print reports



**dmq DataCenter**

Available for  Windows XP / 7 / 8 / 10  
in [www.demeq.com/datacenter](http://www.demeq.com/datacenter)



# QH Family

## Portable Metal Hardness Testers



**dmq** | Measure  
+ Control

Instruments developed and manufactured by DMEQ

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