

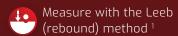


Portable "Heavy-Duty" Hardness Tester Leeb + UCI

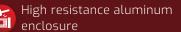
Cover the widest range of applications combining Leeb and UCI methods of hardness testing. Measure small parts with UCI and get faster and accurate measures in Leeb with our GyroTag technology that automatically corrects the impact angle.

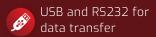
A robust design in a high resistance aluminum enclosure with a large display and the ability to support all impact device types and UCI probes makes the QH7 Series the most complete and advanced option in the dmq QH Family of portable metal hardness testers.

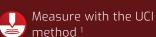










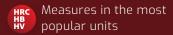








GyroTag: Auto impact device angle detection

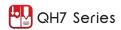






1. Depending on model, / 2. On the electronic unit.

Ideal for measurement and control of...









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)



10N UCI Probe: Ideal to measure superficial hardness, polished surfaces and small parts with a good finish.



50 N UCI probe: Measure induction or cemented treated parts such as crankshafts, gears, welds and heat affected zones.

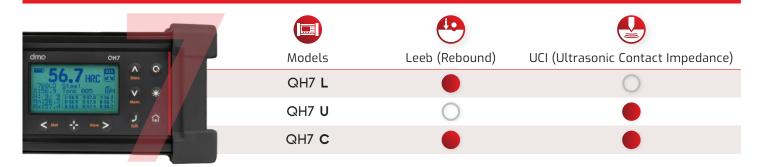


98 N UCI probe: Recommended for use in founded parts, weld seams and heat affected zones even in unmachined surfaces.

Range: HV 100 - 950 **Accuracy:** ±5% in the entire HV measuring range



Models



DIMENSIONS



197 x 111 x 65mm (7.7 x 4.4 x 2.6in)

WEIGHT



998g (2.20lbs)

POWER



Battery: rechargeable by USB Battery life: 20 Hours³

INTERNATIONAL STANDARDS





ASTM A956 ASTM E140 ASTM A1038 CE Marking

HARDNESS UNITS

HL HB HV HRB HRC HS N/mm² Leeb Rockwell C Vickers Rockwell B Brinell MPa Shore User Units 5

MATERIALS



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

- 3. Display light off.
- 4. According to model.
- 5. 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 QH7 electronic unit
- 2 Impact device 6
- UCI probe 7
- 4 Reference test block 8
- Coupling paste for parts
- **6** USB cable to connect to a PC
- Battery charger
- 8 Pendrive with dmq DataCenter software and user manual
- Ocertificate of conformity

6. In QH7 L and QH7 C models 7. In QH7 U and QH7 C models 8. 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.





Portable Metal Hardness Testers





Instruments developed and manufactured by DEMEQ

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Importer / Distributor