

# equotip<sup>®</sup>live UCI

## Smart • Ultra-Portable • Wireless Ultrasonic Hardness Tester

- **3 probes in One** - the same probe performs tests from HV1-HV10
  - ✓ HV1 - Precision parts, thin coatings, hardened layers
  - ✓ HV5 - Hardened or carburized material, weld inspection, HAZ
  - ✓ HV10 - Forgings, cast material, weld inspection
- Press and read measurement with user guidance - **easy to use**
- Measurements in HV with **automatic conversions** to HB, HRA, HRB, HRC, and other common scales in compliance to ASTM E140 and ISO 18265
- **Ultimate documentation and traceability** - document measurements with geolocations, photos, voice notes and memos - verification data store with measurements
- **Painless reporting, sharing and data backup** with the secure cloud



# Technical Specifications

## Full Standard Compliance and Traceability

### Measuring

Measuring range	20 - 2000 HV
Measuring resolution	1 HV (UCI), 0.1 HRC
Measuring accuracy	+/- 2 % (150-950 HV)
Test loads (in 10 N steps)	Software selectable: HV1, HV5, HV10
Diamond indenter	Vickers diamond according to ISO 6507-2
Storage temperature	-20 to 60° C (-4 to 140° F)
Operating temperature	-10 to 50° C (14 to 122° F)
Humidity	90% max.
IP rating	IP 54

### General

Battery type	1x rechargeable AA NiMH 1000 mAh
Operating hours	> 20 h continuously measuring (1 impact/5 sec)
Communication	USB 2.0, Bluetooth 4.0 Low Energy
Connector	Micro-USB B

### Ordering Information

#### Equotip® Live UCI

358 10 021 **Equotip Live UCI HV1-HV10 Kit** consists of Equotip Live UCI HV1-HV10 probe, micro USB cable, rechargeable AA battery, documentation, carrying strap and carrying case. Includes bluetooth module and full connectivity to mobile device. 2 year reporting feature included. Option to extend reporting feature (with associated fee) annually any time.

358 99 003 **Reporting Feature Equotip Live** consists of unlimited online storage, all reporting capabilities on mobile device and PC, and secure data backup solution and sharing features. Subscription ends automatically after 1 year without notice, unless renewed. Additionally requires "Equotip Live Leeb D," "Equotip Live Rental Leeb D," or "Equotip Live UCI HV1-HV10."

### Service and Support

Proceq is committed to providing the best support and service available in the industry through the Proceq certified service centers worldwide. This results in a complete support for Equotip by means of our global service and support facilities.

#### Proceq USA

Aliquippa, PA 15001  
+1 724 512 0330  
info-usa@proceq.com

#### Proceq South America

Sao Paulo, Brasil  
+55 11 3083 38 89  
info-southamerica@proceq.com

#### Proceq SA

Schwerzenbach, Switzerland  
+41 43 355 38 00  
info-europe@proceq.com

#### Proceq UK

Bedford, UK  
+44 12 3483 4515  
info-uk@proceq.com

#### Proceq Russia

St. Petersburg, Russia  
+7 812 448 35 00  
info-russia@proceq.com

#### Proceq Middle East

Sharja, United Arab Emirates  
+971 6 557 8505  
info-middleeast@proceq.com

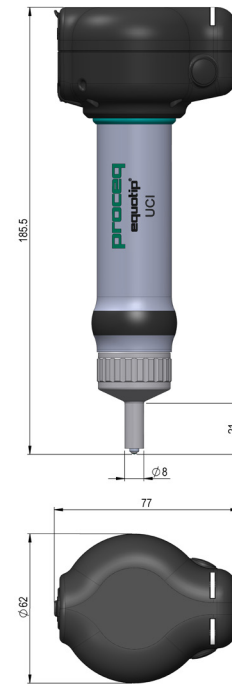
#### Proceq Asia

Singapore  
+65 6382 3966  
info-asia@proceq.com

#### Proceq China

Shanghai, China  
+86 21 63177479  
info-china@proceq.com

### Device Dimensions (mm)



### Standards

ASTM	A1038
DIN	50159
GB/T	34205-2017

### Conversion Standard

ASTM	E140
ISO	18265

### Guidelines

- ASME CRTD-91
- DGZfP Guideline MC 1
- VDI / VDE Guideline 2616 Paper 1

### Accessories

356 00 720 Equotip UCI Special Foot

### Equotip UCI Test Blocks Calibrated by Proceq

357 54 200	Equotip UCI Test Block ~850 HV, ISO 6507-3 HV10 Calibration
357 52 200	Equotip UCI Test Block ~550 HV, ISO 6507-3 HV10 Calibration
357 51 200	Equotip UCI Test Block ~300 HV, ISO 6507-3 HV10 Calibration

### Warranty Information

Each instrument is backed by the standard Proceq warranty and extended warranty options.

- » Electronic portion of the instrument: 24 months
- » Mechanical portion of the instrument: 6 months

Subject to change without notice. All information contained in this documentation is presented in good faith and believed to be correct. Proceq SA makes no warranties and excludes all liability as to the completeness and/or accuracy of the information. For the use and application of any product manufactured and/or sold by Proceq SA explicit reference is made to the particular applicable operating instructions.