equotip®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 back-up 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**
Alinequippa, PA 15001
+1 724 512 0300
info-usa@proceq.com

**Proceq South America**
Sao Paulo, Brasil
+55 11 3083 38 89
info-southamerica@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

**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

---

### Standards

<table>
<thead>
<tr>
<th>ASTM</th>
<th>34205-2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1038</td>
<td>GB/T 34205-2017</td>
</tr>
<tr>
<td>50159</td>
<td>GB/T 34205-2017</td>
</tr>
</tbody>
</table>

### Conversion Standard

<table>
<thead>
<tr>
<th>ASTM</th>
<th>34205-2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>E140</td>
<td>GB/T 34205-2017</td>
</tr>
<tr>
<td>18265</td>
<td>GB/T 34205-2017</td>
</tr>
</tbody>
</table>

### Guidelines

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

### Accessory

| 356 00 720 | Equotip UCI Special Foot |

### 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.