

# Equotip Live



UCI



Leeb D

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## Metal hardness testing using Leeb and UCI technologies

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### Ultraportability

Wireless Leeb and UCI probes work seamlessly with the Equotip® Live mobile app. Finally, you can **carry a hardness testing lab in your pocket.**



### Collaboration

Annotate measurements with voice, photos, and comments. Generate reports and share them instantly. **Access your data from anywhere, anytime.**



### Versatility

Work with standards-compliant methods on the widest range of materials and geometries. Achieve flexibility of QA/QC in Lean operations and field inspection. Conversion to various hardness scales.

# Proceq Equotip Live

Applications	UCI	Leeb D
Weld, base material & Heat Affected Zone (HAZ)	●	
Pressure vessels	●	
Pipes	●	
Wellhead equipment	●	
Flanges	●	●
Engine blocks		●
Shafts	●	●
Gears	●	●
Turbine blades	●	
Cast objects		●
Landing gears		●
Coils	●	●
Bars/pipes	●	●
Rolls		●

Measurement parameters	UCI	Leeb D
Technology	Ultrasonic Contact Impedance	Leeb rebound
Indenter	Vickers diamond acc. to ISO 6507-2	Tungsten carbide ball 3 mm
Special probe features	Adjustable test load; HV1, H5, HV10 in a single probe	Automatic compensation ( $\pm 5^\circ$ ) of impact direction
Native scale	HV(UCI)	HLD
Resolution	1 HV(UCI), 0.1 HRC	1 HL/HV/HB; 0.1 HRC/HRB/HS 1 N/mm <sup>2</sup> R <sub>m</sub>
Hardness scales	Automatic conversions to HB, HRA, HRB, HRC and other common scales	
Custom curves	Yes	Yes
Range	20 - 2000 HV	100 - 1000 HLD
Accuracy*	-	$\pm 4$ HL (0.5% at 800 HL)
Coefficient of variation*	Massively lower than the limits set in DIN 50159 & ASTM A1038	-
Measurement deviation*		-

\*learn more about the UCI accuracy: [www.proceq.com/product/equotip-live-uci/](http://www.proceq.com/product/equotip-live-uci/)

## Features

Cloud features	Cloud storage (matching that of Apple® iOS device) Cloud-enabled Logbook Cloud-based report generation
Mobile and web features	Voice read-out of each impact (Apple® iOS app only) Logbook with geolocation, audio, image and text annotations Export to PDF and CSV Series statistics

Probe parameters	UCI	Leeb D
Dimensions	77 x 62 x 185.5 mm / 3 x 2.4 x 7.3 in	46 x 24.5 x 146 mm / 1.8 x 1.0 x 5.8 in
Weight	234 g / 8.26 oz	86 g / 3 oz
Standards compliance	DIN 50159 ASTM A1038 ASTM E140 ISO 18265 GB/T 34205-2017	ASTM A956 ASTM A370 ASTM E140 ISO 16859 JB/T 9378 GB/T 17394
Verification according to	ASTM A1038 DIN 50159	ISO 16859 ASTM A956
Accessories	Special foot adapter for flat (magnetic) and curved surfaces Test blocks calibrated by Proceq	Set of support rings Test blocks calibrated by Proceq

Operating parameters	UCI	Leeb D
Battery	1x AA (NIMH), flight-safe	1x AAA (NIMH), flight-safe
Battery autonomy	> 3'000 measurements	> 14'000 measurements
IP rating		IP54
Operating temperature		-20 to 60°C / -20 to -4 °F
Storage temperature		-10 to 50°C / 33.8 to 122 °F

## Display and processing unit (not included)

Model	Any Apple® iOS device (min. iOS 9)
Screen technology	Liquid or Retina Display
Screen size	4.7" to 12.9"
Screen resolution	Up to 2732 x 2048 pixels / 326 ppi
Screen type	LED-backlit with multi-touch and IPS technology
Weight	Down to 129 g / 4.55 oz
Storage capacity	8 GB to 1 TB
Connectivity	Wi-Fi, LTE, 5G
User interface languages	English, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish

