



## Hardness Testing

# **Equotip Live Leeb D**

### Portable Leeb D hardness inspection



### **Innovation**

Ultra-portable, intelligent Leeb D probe, coupled to IoT and storage data backup ecosystem with a clean user-interface. Software enables you to share and access the data from anywhere.



### **Efficiency**

Intuitive and efficient user interface to facilitate each step of your inspection.

The audio output of readings lets you keep the mobile in your pocket for a more streamlined workflow.



## Reliability

Synonymous with Proceq's reliability and legendary status with durable and accurate Leeb products from the inventor of Leeb method.



#### <u>Display and</u> <u>processing unit</u> (<u>not included</u>)

Display	Any Apple iOS device (min. iOS 13)
Instrument protection	Water, dust and debris resistance and MIL grade protection achieved through an external case/sleeve of customers' choice
Memory	> 10'000'000 measurements, limited by the storage of the device
Memory	Memory of the iOS device

#### <u>Leeb Live</u> <u>operating</u> <u>parameters</u>

<u> </u>			
Connectivity	Bluetooth LE, Micro USB for charging and service connection		
Battery	1x AAA (NiMH), flight safe		
Battery lifetime	>19h, 14'000> measurements, depending on battery's capacity		
Charging time	< 3-4h		
Power input	5V, through micro USB		
Dimensions	46 x 24.5 x 146 mm / 1.8 x 1.0 x 5.8 in		
Weight	234 g / 8.26 oz		
Humidity operation	< 90% RH, non-condensing		
Operating temperature	(-) 20°C + 60°C / 14°F – 122°F		
Certification	CE, KC, FCC		
Equotip App Features	-Automatic compensation of impact direction - Automatic data backup to ScreenigEagle's Workspace - Histrogram and table view, series statistics - Automatic conversion to selected unit - Probe verification assistant - Custom material conversion: 1-point shift - Voice read-out of measurement data - Enhanced logbook with metadata (images, voice comments, annotations, geo location) - Data export to pdf and CSV - Probe statistics - Video tutorials		
Conversion curves applicable for materials	- Steel and cast steel		
Languages	English, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish		
Regional settings	Metric and imperial units, multi-language and time-zone		
Audio support	Full digital audio		

#### **Cloud Solution**

Screening Eagle Workspace	Web-based data management system with cloud backup, accessible from PC, Mobile and Tablets.
Language support	English





## **Instrument** Tech Specs

Native Scale	HLD			
Conversion scales	HB, HV, HRB, HRC, HS, MPA (σ1, σ2, σ3)			
Measurement range	100-1000 HLD			
Indenter	Tungsten carbide			
Impact energy / Test force	11 Nmm			
Accredited calibration	ISO/IEC 17025			
Standard compliance	ASTM A956 DIN EN ISO 16859 GB/T 17394 JB/T 9378			
Guidelines	ASME CRTD-91 DGZfP Gudeline MC 1 VDI / VDE Gudeline 2616 Paper 1 Nordtest Technical Reports 99.12, 99.13, 99.36			
Conversion standards	ASTM A370 ASTM E140 ISO 18265 Proceq's own conversion curves			
Measurement resolution	1 HLD/HV/HB; 0.1 HRC/HRB/HS 1 N/mm 2 (Rm)			
Measuring accuracy	± 4HLD, (0.5% @800 HLD)			
Measurement deviation (E)	Lower than DIN EN ISO 16859			
Coefficient of variation (R)	Lower than DIN EN ISO 16859			
Weight	234 g / 8.26 oz			
Dimensions	46 x 24.5 x 146 mm / 1.8 x 1.0 x 5.8 in			

Standards & Guidelines	Description
ASTM A 370	
ASTM A 956	
ASTM E 140	
DIN 50156	
GB/T 17394	
ISO 16859	
JB/T 9378	
ASME CRTD-91	
DGZfP Guideline MC 1	
Nordtest Technical Reports 424-1, 424-2, 424-3	
VDI / VDE Guideline 2616 Paper 1	





Present in +100 countries, we serve inspectors and engineers all over the world with the most comprehensive range of InspectionTech solutions, combining intuitive software and Swissmanufactured sensors.

www.screeningeagle.com

Request a quote



