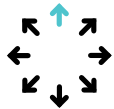




Hardness Testing Equotip Live UCI

Wireless Portable Ultrasonic Contact Impedance (UCI) Hardness Tester



Versatility

Advanced wireless UCI system based on innovative and patented force-sensing technology enables various test loads in one probe design.



Productivity

Extremely efficient user interface and enhanced logbook built into our constantly evolving Equotip app enables documentation through photos, voice comments, and annotations.



User Experience

Ultra-portable UCI probe with cloud connectivity built into modern IoT ecosystem with enabled data back-up, instant evaluation, and data sharing. Access your data from anywhere, anytime.



Equotip App Tech Specs

Instrument Firmware	iOS app including free updates Hotspots with predefined shortcuts Audio output of readings allow to keep mobile in the pocket On-screen guides Verification and calibration of information for higher reliability
PC Software	Web browser-based Equotip Live solution
Display	Any compatible iOS device (iPod Touch, iPhone iOS 9.0 and higher)
Memory	Memory of the iOS device
Custom conversion curves	Yes, one point shift
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
User interface languages	English, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish



Instrument Tech Specs

Native Scale	HV(UCI)
Conversion scales	HLD, HB, HRC, HRA, HRB, HR15N, HR15T MPA (σ_1 , σ_2 , σ_3)
Measurement range	20-2000 HV
Indenter	ISO 6507-2 compliant, 136° Vickers diamond
Impact energy / Test force	HV1 (9.8 N), HV5 (49 N), HV10 (98N) in one probe
Accredited calibration	ISO/IEC 17025
Standard compliance	ASTM A1038 DIN 50159 GB/T 34205
Guidelines	ASME CRTD-91 ASTM A370 DGZFP Guideline MC 1 VDI / VDE Guideline 2616 Paper 1
Conversion standards	ASTM E140 ISO 18265 Proceq's own conversion curves
Measurement resolution	1 HV(UCI), 0.1 HRC
Measuring accuracy	± 2%
Measurement deviation (E)	Lower than DIN 50159 & GB/T 34205
Coefficient of variation (R)	Lower than DIN 50159 & GB/T 34205
Weight	234 g / 8.26 oz
Dimensions	77 x 62 x 185.5 mm / 3 x 2.4 x 7.3 in

Standards & Guidelines	Description
ASTM A 1038	
ASTM A 370	
ASTM E 140	
DIN 50159	
GB/T 34205-2017	
ISO 18265	
ASME CRTD-91	
DGZfP Guideline MC 1	
VDI / VDE Guideline 2616 Paper 1	

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