



## Hardness Testing Equotip 550 (platform only)

Highly robust and advanced measuring system



### Reliability

The unmatched lifespan of probes and impact bodies, lasting four times longer than others on the market.



### Productivity

Comes with the most complete probe portfolio, the broadest material conversion tables including Proceq's own research and world's widest standard conversion.



### User Experience

Ready-to-go reports through powerful built-in reporting feature, along with fully customizable views, multiple wizards, and material selection assistant.



## Instrument Tech Specs

<b>Native Scale</b>	HLx (x: D, DC, DL, S, E, G, C)
<b>Available Scales</b>	HB, HV, HRA, HRB, HRC, HS, MPA ( $\sigma_1$ , $\sigma_2$ , $\sigma_3$ )
<b>Available Probes</b>	Leeb D / DC / DL / S / E / G / C
<b>Combination With Other Methods</b>	Portable Rockwell, UCI
<b>Average Roughness Ra (<math>\mu\text{m}</math> / <math>\mu\text{inch}</math>)</b>	7 / 275 (Leeb G)
<b>Minimum Mass (kg / lbs)</b>	0.02 / 0.045 (Leeb C)
<b>Minimum Thickness (mm / inch)</b>	1 / 0.04 (Leeb C)
<b>Instrument Firmware</b>	Automatic compensation for impact direction Personalized user profiles and views Integration in automated testing environments (incl. remote control) 11 Languages and timezone supported Measurement wizards Custom curve wizard Combined method wizard User guidance features Custom report features
<b>Custom conversion curves</b>	Yes, 1-point shift, 2-point, polynomial
<b>Pc Software</b>	Equotip Link allowing direct reporting and custom reports
<b>Display</b>	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
<b>Memory</b>	Internal 8 GB flash memory (> 1'000'000 measurements)
<b>Connections</b>	USB host / device and Ethernet
<b>Verification according to</b>	ISO 16859, ASTM A 956, custom method, combined method
<b>Measuring Range</b>	150 - 950 HL
<b>Protection</b>	IP54, fully rugged with shock-absorbing casing
<b>Measuring Accuracy</b>	$\pm 4$ HL (0.5% at 800 HL)
<b>Coefficient of variation</b>	$\pm 4$ HL (0.5% at 800 HL)

Standards & Guidelines	Description
ASTM A 370	
ASTM A 956	
ASTM E 140	
DIN 50156	
GB/T 17394	
ISO 16859	
ISO 18265	
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	



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