



## Hardness Testing

# Equotip 550 (platform only)

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Highly robust and advanced measuring system

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### 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>	<ul style="list-style-type: none"> <li>Automatic compensation for impact direction</li> <li>Personalized user profiles and views</li> <li>Integration in automated testing environments (incl. remote control)</li> <li>11 Languages and timezone supported</li> <li>Measurement wizards</li> <li>Custom curve wizard</li> <li>Combined method wizard</li> <li>User guidance features</li> <li>Custom report features</li> </ul>
<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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