



Hardness Testing Equotip 550 Leeb

Highly robust and advanced Leeb 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.



Processing Unit / Sensor

PC Software	Equotip Link allowing direct reporting and custom reports
Memory	Internal 8 GB flash memory (> 1'000'000 measurements)
Display	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
Native Scale	HLx (x: D, DC, DL, S, E, G, C)
Available Scales	HB, HV, HRA, HRB, HRC, HS, MPA (σ_1 , σ_2 , σ_3)
Available Probes	Leeb D / DC / DL / S / E / G / C
Combination With Other Methods	Portable Rockwell, UCI
Minimum Uncoupled Specimen Mass (kg / lbs)	15 / 33 (Leeb G) 5 / 11 (Leeb D, DC, DL, E, S) 1.5 / 3.3 (Leeb C)
Minimum Coupled Specimen Mass (kg / lbs)	0.5 / 1.1 (Leeb G) 0.05 / 0.2 (Leeb D, DC, DL, E, S) 0.02 / 0.045 (Leeb C)
Minimum Uncoupled Specimen Thickness (mm / inch)	70 / 2.73 (Leeb G) 25 / 0.98 15 / 0.59
Minimum Coupled Specimen Thickness (mm / inch)	10 / 0.4 (Leeb G) 3 / 0.12 (Leeb D, DC, DL, E, S) 1 / 0.04 (Leeb C)
Instrument Firmware	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
Custom conversion curves	Yes, 1-point shift, 2-point, polynomial
Connections	USB host / device and Ethernet
Verification according to	ISO 16859, ASTM A 956, custom method, combined method
Measuring Range	150 - 950 HL
Protection	IP54, fully rugged with shock-absorbing casing
Measuring Accuracy	± 4 HL (0.5% at 800 HL)
Coefficient of variation	± 4 HL (0.5% at 800 HL)