

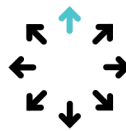
Hardness Testing Equotip 550 UCI

The leading Ultrasonic Contact Impedance measurement system with advanced capabilities



Efficiency

Efficiency to the power of 2 thanks to three loads in one single probe HV1, HV5, and HV10 and possible combination with Portable Rockwell and Leeb in one device.



Productivity

Features with wizards, user guidance, personalised views, and on-screen feedback to reduce measurement inaccuracies that can be caused by the operator.



User Experience

User guidance, smart material, and probe selection wizards, and ready-to-go reports feature facilitate even short measurement campaign.

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Software / Workspace App

Pc Software	Equotip Link allowing direct reporting and custom reports
Memory	Internal 8 GB flash memory (> 1'000'000 measurements)



Processing Unit / Sensor

Display	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
Native Scale	HV (UCI)
Available Scales	HB, HV, HRA, HRB, HRC, HR15N, HR15T, MPA
Available Probes	UCI (Adjustable load HV1, HV5 and HV10)
Combination With Other Methods	Leeb, Portable Rockwell
Average Roughness Ra (μm / μinch)	12.5 / 500
Minimum Mass (kg / lbs)	0.3 / 0.66
Minimum Thickness (mm / inch)	5 / 0.2
Instrument Firmware	Automatic compensation for impact direction Personalized user profiles and views Integration in automated testing environments (incl. remote control) 11 Languages and timezones Measurement wizards Custom curve wizard Combined method wizard User guidance features Custom report features One-step calibration metric and imperial units support Profile view Heat Affected Zone (HAZ) line mapping
Connections	USB host / device and Ethernet
Measuring Range	20 - 2000 HV
Verification according to	ASTM A1038, DIN 50159, GB/T 34205-2017, custom method, combined method
Protection	IP54, fully rugged with shock-absorbing casing
Custom conversion curves	Yes, 1-point shift, 2-point, polynomial
Coefficient of variation	Significantly lower than the limits set in DIN 50159, ASTM A1038 & GB-T 34205-2017

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