



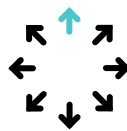
## Hardness Testing Equotip 550 UCI

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 through a powerful built-in reporting feature facilitate even short measurement campaign.



## Software / Workspace App

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



## Processing Unit / Sensor

<b>Display</b>	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
<b>Native Scale</b>	HV (UCI)
<b>Available Scales</b>	HB, HV, HRA, HRB, HRC, HR15N, HR15T, MPA
<b>Available Probes</b>	UCI (Adjustable load HV1, HV5 and HV10)
<b>Combination With Other Methods</b>	Leeb, Portable Rockwell
<b>Average Roughness Ra (<math>\mu\text{m}</math> / <math>\mu\text{inch}</math>)</b>	12.5 / 500
<b>Minimum Mass (kg / lbs)</b>	0.3 / 0.66
<b>Minimum Thickness (mm / inch)</b>	5 / 0.2
<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 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
<b>Connections</b>	USB host / device and Ethernet
<b>Measuring Range</b>	20 - 2000 HV
<b>Verification according to</b>	ASTM A1038, DIN 50159, GB/T 34205-2017, custom method, combined method
<b>Protection</b>	IP54, fully rugged with shock-absorbing casing
<b>Custom conversion curves</b>	Yes, 1-point shift, 2-point, polynomial
<b>Coefficient of variation</b>	Significantly lower than the limits set in DIN 50159, ASTM A1038 & GB-T 34205-2017

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