



Hardness Testing

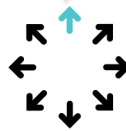
## Equotip 550 Portable Rockwell

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### Resolution & depth

The only portable measurement method that has practically no minimal thickness limitation - perfect for thin sheets of metals, any material.



### Versatility

Equally reliable, accurate and standardized but faster than stationary Rockwell hardness testers.



### User Experience

Material independent method - that can be combined with Leeb and UCI in one measurement device. One device - all applications.

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### 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>Native Scale</b>	µm, µinch
<b>Available Scales</b>	HB, HV, HRA, HRB, HRC, R15N, HR15T, HMMRC, MPA
<b>Available Probes</b>	Portable Rockwell Probe 50N (can also be connected directly to PC)
<b>Combination With Other Methods</b>	Leeb, UCI
<b>Average Roughness Ra (µm / µinch)</b>	2/80
<b>Minimum Mass (kg / lbs)</b>	No requirement
<b>Minimum Thickness (mm / inch)</b>	10 x indentation depth
<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
<b>Display</b>	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
<b>Connections</b>	USB host / device and Ethernet
<b>Measuring Range</b>	0 - 100 µm; 19 - 70 HRC; 35 - 1'000 HV
<b>Verification according to</b>	DIN 50157, 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>Measuring Accuracy</b>	± 0.8 µm; ~ ± 1.0 HRC



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