



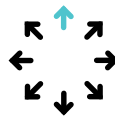
## Hardness Testing Equotip 550 Portable Rockwell

Equotip 550 Portable Rockwell



### 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.



## Software / Workspace App

<b>Display</b>	7" color capacitive touchscreen
<b>Instrument protection</b>	<ul style="list-style-type: none"> <li>- IP54, fully rugged with shock absorbing casing,</li> <li>- Scratch-resistant Gorilla® Glass screen protection,</li> <li>- Circuit and connector protection against dust, debris, chemicals and voltage spikes</li> <li>- Foldable additional screen cover for additional protection during storage and transportation</li> </ul>
<b>Memory</b>	Internal 8 GB flash memory (>1'000'000 measurements)
<b>Combination with another testing method</b>	Leeb, UCI
<b>Connectivity</b>	Ethernet & USB-B (PC connection), USB-A (PRT), Probe-specific slots
<b>Battery</b>	3.6V, Li-Ion, 14'000 mAh
<b>Battery lifetime</b>	> 10h (in standard operating mode)
<b>Charging time</b>	< 9h, <5.5 h (External quick charger)
<b>Power input</b>	12V +/- 25% / 1.5A
<b>Dimensions</b>	250 x 162 x 62 mm / 9.87 x 6.37 x 6.44 in
<b>Weight</b>	1'525 g / 3.35 lbs. (incl. battery)
<b>Humidity operation</b>	< 95% RH, non-condensing
<b>Operating temperature</b>	(-) 10°C + 50°C / 14°F – 122°F
<b>Certification</b>	CE, KC, FCC
<b>Equotip 550 Software Features</b>	<ul style="list-style-type: none"> <li>- Advanced algorithm option for faster measurements</li> <li>- Fully customizable reporting</li> <li>- Customizable views</li> <li>- Verification wizard</li> <li>- Measurement wizard</li> <li>- Mapping wizard</li> <li>- Integration in automated testing environments (incl. remote control)</li> <li>- Custom conversion curves (1-point, 2-point, polynomial)</li> <li>- Built-in pdf creator</li> </ul>
<b>Conversion curves applicable for materials</b>	- Steel and cast steel
<b>Languages</b>	English, German, French, Italian, Spanish, Portuguese, Turkish, Chinese, Korean, Russian, Japanese, Polish, Czech
<b>Regional settings</b>	Metric and imperial units, multi-language and time-zone
<b>Audio support</b>	Full digital audio
<b>PC Software</b>	Equotip Link for data download, management and export (CSV, PNG), Conversion curve management, and for upgrades of constantly expanding Equotip and Equotip Link Software
<b>Language support</b>	English, Chinese, Czech, German, Spanish, French, Italian, Korean, Japanese, Polish, Portuguese, Russian, Turkish



## 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>	<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 timezones</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> <li>One-step calibration</li> <li>metric and imperial units support</li> </ul>
<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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