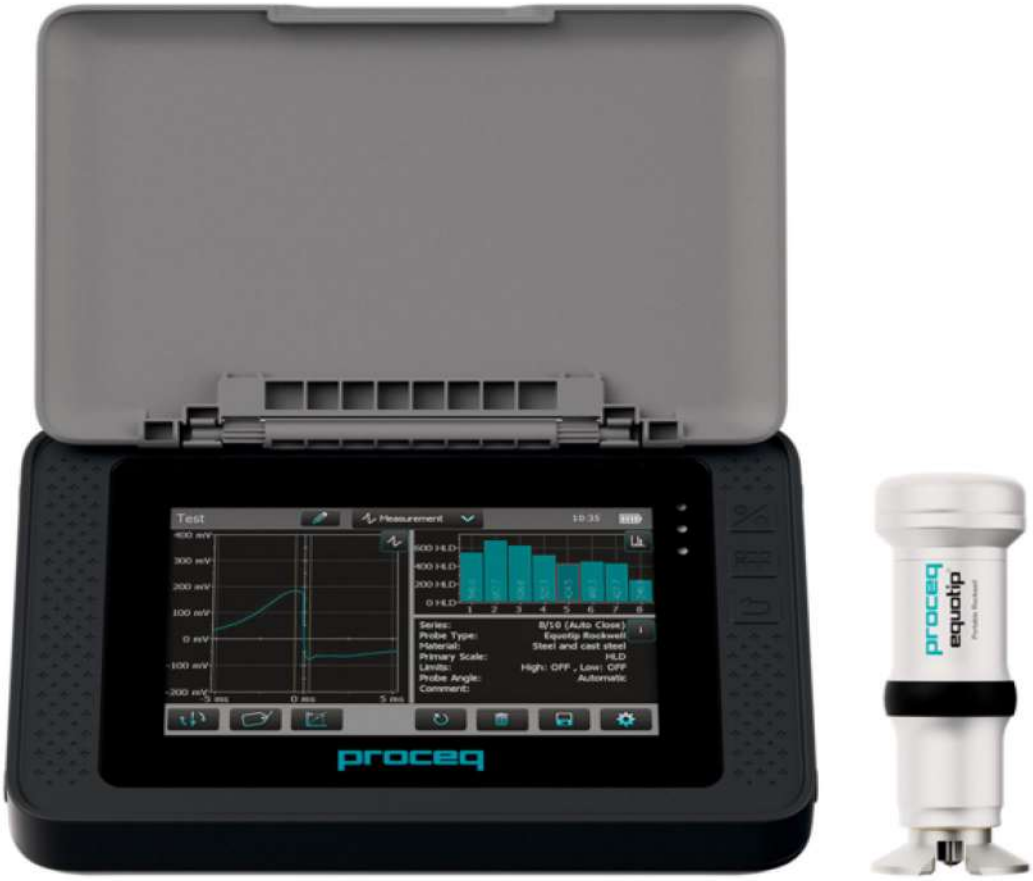

Hardness Testing

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

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

Processing Unit / Sensor

Native Scale	µm, µinch
Available Scales	HB, HV, HRA, HRB, HRC, R15N, HR15T, HMMRC, MPA
Available Probes	Portable Rockwell Probe 50N (can also be connected directly to PC)
Combination With Other Methods	Leeb, UCI
Average Roughness Ra (µm / µinch)	2/80
Minimum Mass (kg / lbs)	No requirement
Minimum Thickness (mm / inch)	10 x indentation depth
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
Display	7" color rugged touchscreen unit (800 x 480 pixels) with dual core processor
Connections	USB host / device and Ethernet
Measuring Range	0 - 100 µm; 19 - 70 HRC; 35 - 1'000 HV
Verification according to	DIN 50157, custom method, combined method
Protection	IP54, fully rugged with shock-absorbing casing
Custom conversion curves	Yes, 1-point shift, 2-point, polynomial
Measuring Accuracy	± 0.8 µm; ~ ± 1.0 HRC