proceq
A Screening Eagle Company



Film & Paper Roll Hardness Testers

Equotip 550 Leeb U

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Performance

Rugged touchscreen designed to provide an exceptional user experience and best possible measuring and analysis for high performance.

Stability

Large crown for a safe and stable impact, fast and reliable hardness testing of paper, film, foil, textile, cardboard, and leather rolls

Versatility

Able to test hardness profile of paper, film and foil rolls



Equotip 550 Platform
Tech Specs

Equotip 550 Platform

Display	7” color capacitive touchscreen
Instrument protection	- IP54, fully rugged with shock absorbing casing, - Scratch-resistant Gorilla® Glass screen protection, - Circuit and connector protection against dust, debris, chemicals and voltage spikes - Foldable additional screen cover for additional protection during storage and transportation
Memory	Internal 8 GB flash memory (>1’000’000 measurements)
Combination with another testing method	UCI, Portable Rockwell (PRT)
Connectivity	Ethernet & USB-B (PC connection), USB-A (PRT), Probe-specific slots
Battery	3.6V, Li-Ion, 14’000 mAh
Battery lifetime	> 10h (in standard operating mode)
Charging time	< 9h, < 5.5 h (External quick charger)
Power input	12V +/- 25% / 1.5A
Dimensions	250 x 162 x 62 mm / 9.87 x 6.37 x 6.44 in
Weight	1’525 g / 3.35 lbs. (incl. battery)
Humidity operation	<95% RH, non-condensing
Operating temperature	(-) 10°C + 50°C / 14°F – 122°F
Certification	CE, KC, FCC
Equotip 550 Software Features	- Roll profile view - Fully customizable reporting - Customizable views - Verification wizard - Limits - Statistics - Built-in pdf creator
Languages	English, German, French, Italian, Spanish, Portuguese, Turkish, Chinese, Korean, Russian, Japanese, Polish, Czech
Regional settings	Metric and imperial units, multi-language and time-zone
Audio support	Full digital audio

Desktop Software (Windows)

PC Software	Equotip Link for data download, management and export (CSV, PNG), Conversion curve management, and for upgrades of constantly expanding Equotip and Equotip Link Software
Language support	English, Chinese, Czech,German, Spanish, French, Italian, Korean, Japanese, Polish, Portugese, Russian, Turkish



Instrument
Tech Specs

Display	7” color rugged touchscreen unit (800 x 480 pixels) with dual core processor
Memory	> 1’000’000
Connections	USB host / device and Ethernet
Contact Force	120 N
Spherical Test Calotte	Stainless steel 50mm (2") tip diameter (tip hardness 60 HRC)
Max.Material Penetration	4.0mm (0.15")
Resolution	1 LU; 1 R
Accuracy	+-6 LU (1% at 600 LU)

Standards & Guidelines	Description
TAPPI T 834	

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