



Film & Paper Roll Hardness Testers

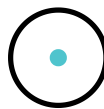
Proceq RQ8000

Roll testing based on position measurement and hammer penetration, minimizing roll surface damage and increasing accuracy.



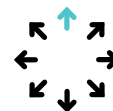
Precision

Suitable for even the most delicate and complex materials, the RQ8000 delivers 30 impacts per second monitored 100'000 times to ensure ultra-high measurement accuracy



Integrity

This device helps you to not only avoid the runnability problems, but to gain significant savings and customer satisfaction with early and fast detection of small roll defects



Versatility

The fully automated measurement procedure delivers consistent results with unmatched repeatability even at a high measurement speed and measured from edge-to-edge of the roll



Instrument Tech Specs

Dimensions	75 x 105 x 190 mm / 3 x 2.4 x 7.3 in
Weight	1'250 g / 44.1 oz
Device housing	Rugged metal encasing & frame
Verification	Internal standard for periodic control
Bar and QR code scanner	Built-in illuminated camera, various formats (stacked, linear and matrix bar QR codes), range 1-30 cm
Technology	Impact hammer deceleration method
Native scale	Gravity units, g, [9.81 m·s ⁻²]
Secondary method	Impact hammer penetration depth
Secondary scale	Depth / mm
Measurement frequency (impact)	30 Hz, (30 hits·s ⁻¹)
Impact hammer measurement resolution	100'000 s·s ⁻¹
Length measurement resolution	1 mm
Max recommended measurement speed*	Up to 50 cm·s ⁻¹

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