



## Film & Paper Roll Hardness Testers

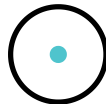
# Proceq RQ8000

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



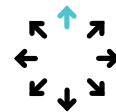
### Precision

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

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



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