

**Алматы** (7273)495-231  
**Ангарск** (3955)60-70-56  
**Архангельск** (8182)63-90-72  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Благовещенск** (4162)22-76-07  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Владикавказ** (8672)28-90-48  
**Владимир** (4922)49-43-18  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89

Россия +7(495)268-04-70

**Иваново** (4932)77-34-06  
**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Коломна** (4966)23-41-49  
**Кострома** (4942)77-07-48  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04  
**Курган** (3522)50-90-47  
**Липецк** (4742)52-20-81

**Магнитогорск** (3519)55-03-13  
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**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
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**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04  
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**Петрозаводск** (8142)55-98-37  
**Псков** (8112)59-10-37  
**Пермь** (342)205-81-47

Казахстан +7(7172)727-132

**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Саранск** (8342)22-96-24  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31  
**Ставрополь** (8652)20-65-13  
**Сургут** (3462)77-98-35  
**Сыктывкар** (8212)25-95-17  
**Тамбов** (4752)50-40-97  
**Тверь** (4822)63-31-35

Киргизия +996(312)96-26-47

**Тольятти** (8482)63-91-07  
**Томск** (3822)98-41-53  
**Тула** (4872)33-79-87  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Улан-Удэ** (3012)59-97-51  
**Уфа** (347)229-48-12  
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**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Чита** (3022)38-34-83  
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**Ярославль** (4852)69-52-93

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## Film & Paper Roll Hardness Testers

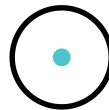
# Proceq RQ8000

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



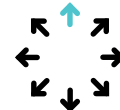
### Precision

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



## Processing Unit / Sensor

<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-1)
<b>Impact hammer measurement resolution</b>	100'000 s-1
<b>Length measurement resolution</b>	1 mm
<b>Max recommended measurement speed*</b>	Up to 50 cm-s-1

\*depending on the material type

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