



## Schmidt Rebound Hammers

# Original Schmidt OS8000

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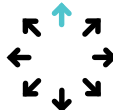
Concrete strength and uniformity testing using rebound hammer technology

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### Simplicity

Test on-site and share results up to 80% quicker compared to analog hammers. Eliminate operator errors thanks to automatic impact angle correction and series evaluation according to standards.



### Productivity

Cloud synchronization of your measurements. Comprehensive mobile apps and web-based functionality enhances productivity and makes instantaneous reporting possible.



### Reliability

All mechanical components are Original Schmidt components to ensure durability and standards compatibility.



## Software / Workspace App



## Processing Unit /

### Sensor

<b>Instrument Firmware</b>	Automatic calculation of rebound value according to international standards
<b>Display</b>	Analog & backlit digital (100 x 100 pixels, graphic)
<b>Impact Energy</b>	2.207 Nm (N), 0.735 Nm (L)
<b>Compressive Strength Range</b>	10 to >100 N/mm <sup>2</sup> (1'450 to >10'152 psi)
<b>Memory</b>	Instrument memory > 20,000 impacts Display memory - Memory of iOS or Android device
<b>Connections</b>	Low energy Bluetooth®, USB for charging and updates
<b>Measurements</b>	Impact angle independent Displays the series on-screen as you work Series validity checked automatically Review an entire series Delete impacts
<b>Battery</b>	Standard AAA, alkaline or rechargeable
<b>Battery Lifetime</b>	> 20,000 impacts between charges
<b>Operating Temperature</b>	0° to 50°C
<b>Languages</b>	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian

<b>Workflow features</b>	Voice read-out of each impact (only on iOS®) Logbook with geolocation, audio, image and text annotations Series statistics Single series reporting: PDF, CSV Test-region reporting (multiple series): PDF, CSV, uniformity report, EN13791 characteristic strength report
<b>Display</b>	Any compatible Apple® iOS device (please see App Store for details) Any supported Android™ device (please see Google Play Store for details)
<b>Measurements</b>	Test region reporting Select units, form factor and correlation curves Create your own custom curves Create custom curves databases for your own mixes
<b>Verification features</b>	Options: EN12504-2, Manufacturer's recommendation, JGJ-T23 User reminder when verification check on the anvil is required User guidance for verification procedure
<b>Cloud features</b>	Cloud synchronization Cloud-enabled Logbook Cloud-based report generation
<b>Report Generation</b>	Single, multiple series, test region (uniformity, EN13791)
<b>Languages</b>	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian



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