

## Schmidt Rebound Hammers

# Silver Schmidt OS8200

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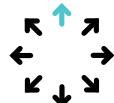
Concrete strength and uniformity testing using rebound hammer technology

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### Collaboration

A mobile app that lets you annotate measurements with voice, photos and comments. Generate reports and share them instantly. Access your data from anywhere, anytime.



### Versatility

Accurately test the widest range of concrete strength classes. Work with the built-in standards-compliant conversions or your own custom material conversions.



### Efficiency

Fully assess an entire test region of concrete in less than 10 minutes—saving you days of laborious effort compared with exclusively using coring.



## Schmidt App

### Tech Specs

<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



## Instrument

### Tech Specs

<b>Instrument Firmware</b>	Automatic calculation of rebound value according to international standards
<b>Memory</b>	Instrument memory > 20,000 impacts Display memory - Memory of iOS or Android device
<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>14,500 psi) L-Hammer with optional mushroom plunger: 5 to 10 MPa (725 to 1,450 psi)
<b>Display</b>	Analog & backlit digital (100 x 100 pixels, graphic)
<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



## Our Accessories

Image	PartNumber	Description
	34101401	Portable anvil for the OS8200 N/L, PS8000 and RS8000 N/L For on-site calibration check as recommended by EN12504-2
	34110400	Testing anvil for the OS8200 N/L, PS8000 and RS8000 N/L For regular calibration check as recommended by EN12504-2
	34190005	For use with the OS8200 type L hammer for testing of fresh and low-strength concrete 5 – 30 Mpa (725 – 4351 psi)
	34001067	For use with the OS8000, OS8200, PS8000, RS8000 Including printer, charging cable, belt loop and 1 roll of registration paper

Standards & Guidelines	Description
FOCT 22690	
ASTM C 805	
EN 12504-2	
EN 13791	
ACI 228.1R	
RILEM TC-ISC	

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