

Schmidt Rebound Hammers

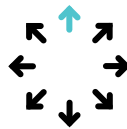
Silver Schmidt OS8200

Concrete strength and uniformity testing using rebound hammer technology



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.



Software / Workspace App

Workflow features	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
Display	Any compatible Apple® iOS device (please see App Store for details) Any supported Android™ device (please see Google Play Store for details)
Measurements	Test region reporting Select units, form factor and correlation curves Create your own custom curves Create custom curves databases for your own mixes
Verification features	Options: EN12504-2, Manufacturer's recommendation, JGJ-T23 User reminder when verification check on the anvil is required User guidance for verification procedure
Cloud features	Cloud synchronization Cloud-enabled Logbook Cloud-based report generation
Report Generation	Single, multiple series, test region (uniformity, EN13791)
Languages	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian



Processing Unit / Sensor

Instrument Firmware	Automatic calculation of rebound value according to international standards
Memory	Instrument memory > 20,000 impacts Display memory - Memory of iOS or Android device
Impact Energy	2.207 Nm (N), 0.735 Nm (L)
Compressive Strength Range	10 to >100 N/mm ² (1,450 to >14,500 psi) L-Hammer with optional mushroom plunger: 5 to 10 MPa (725 to 1,450 psi)
Display	Analog & backlit digital (100 x 100 pixels, graphic)
Connections	Low energy Bluetooth®, USB for charging and updates
Measurements	Impact angle independent Displays the series on-screen as you work Series validity checked automatically Review an entire series Delete impacts
Battery	Standard AAA, alkaline or rechargeable
Battery Lifetime	> 20,000 impacts between charges
Operating Temperature	0° to 50°C
Languages	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian



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