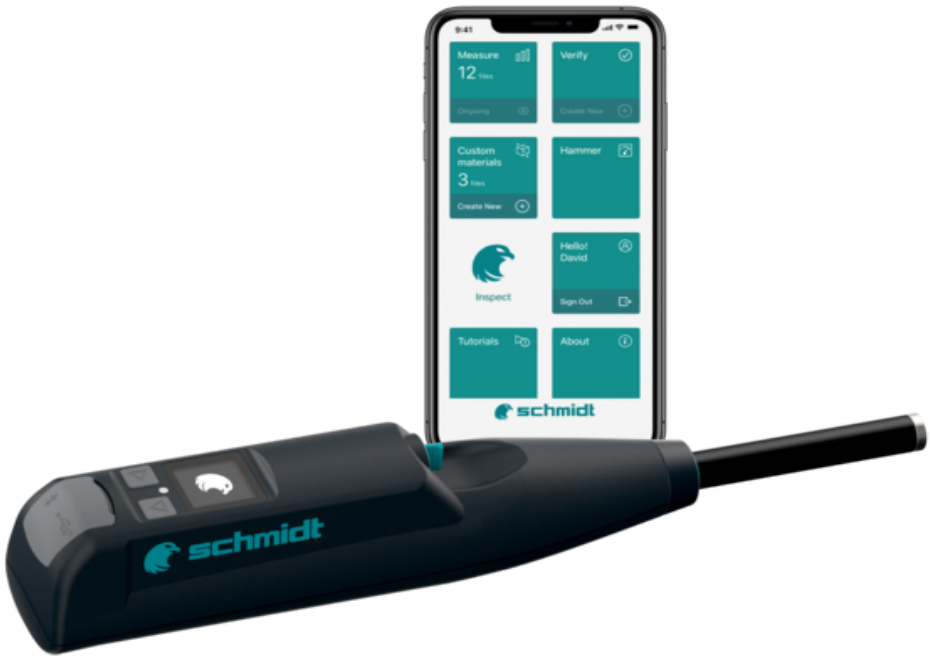

Schmidt Rebound Hammers

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/mm2 (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

PROMAT
Instrument | Since 1997

Promat (HK) Ltd
Tel: (852) 2661 2392
Whatsapp: (852) 5196 8860
Email: sales@promat.hk
Web: https://www.promat.hk

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Silver Schmidt® Live

OS8200

Concrete **strength and uniformity** evaluation using optical rebound hammer technology

Versatility

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

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.

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.

Silver Schmidt® OS8200

Software	Original Schmidt® Live app & website interface
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
Verification features	Options: EN12504-2, Manufacturer's recommendation, JGJ-T23 User reminder when verification check on anvil is required User guidance for verification procedure
Cloud features	Cloud synchronization Cloud-enabled Logbook Cloud-based report generation

iOS is a registered trademark of Cisco in the US and is used by Apple under license.

Model	Type N	Type L
Applications	High-precision compressive strength estimation and strength uniformity assessment	
Measurement ranges		
Ultra-high performance (UHPC)	Up to 120 MPa / 17405 psi	-
Normal and high strength	10 – 100 MPa / 1450 – 14500 psi	
Fresh*	-	5 – 30 Mpa 725 – 4351 psi
Technology	Optical Rebound Velocity Quotient	
Impact angle independent	●	●
Impact energy	2.207 Nm	0.735 Nm
Probe weight	1.08 kg / 2.38 lbs	0.84 kg / 1.85 lbs
Digital display	100 x 100 px, back-lit	
Display and processing unit	iOS® or Android® device (not included)	
Connectivity	Bluetooth® 4.0 EDR Low Energy to iOS® or Android® device	
Accessories	Bluetooth® printer: optional / included in Print model Mushroom plunger (for Type L only)	

*with mushroom plunger

Download on the App Store

GET IT ON Google Play

Measurements settings	
Rebound value calculation	EN12504-2; ASTM C805; JGJ-T23; JSCE; JIS; Mean
Units	N/mm², MPa, psi, kg/cm²
Form factor correction	Cube, 2:1 cylinder, 1:1 core, user-definable
Carbonation correction	User-definable
Reference and custom curves	Reference curves for Europe, China and Russia Custom curves (required by major standards) EN13791 characteristic strength determination using rebound value alone

Parameters	
Memory capacity	ca. 20'000 impacts
Impacts per series	Max. 70
Battery	Removable, 1x AAA (alkaline or rechargeable), flight-safe
Battery autonomy	> 20'000 impacts
Operating temperature	0 to 50°C / 32 to 122 °F
Operating humidity	<95% RH, non-condensing
Storage temperature	-10 to 70°C / 14 to 158 °F

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