

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

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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



Measurements settings	
Rebound value calculation	EN12504-2; ASTM C805; JGJ-T23; JSCE; JIS; Mean
Units	N/mm ² , MPa, psi, kg/cm ²
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

