



# 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	
<b>Measurement ranges</b>		
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 <sup>2</sup> , MPa, psi, kg/cm <sup>2</sup>
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

