



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/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 |

