



Schmidt Rebound Hammers

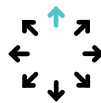
Silver Schmidt OS8200

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.



Schmidt App

Tech Specs

| | |
|------------------------------|---|
| 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 |







Instrument

Tech Specs

| | |
|-----------------------------------|---|
| 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 |

Our Accessories

| Image | PartNumber | Description |
|---|------------|--|
|  | 34101401 | Portable anvil for the OS8200 N/L, PS8000 and RS8000 N/L For on-site calibration check as recommended by EN12504-2 |
|  | 34110400 | Testing anvil for the OS8200 N/L, PS8000 and RS8000 N/L For regular calibration check as recommended by EN12504-2 |
|  | 34190005 | For use with the OS8200 type L hammer for testing of fresh and low-strength concrete 5 – 30 Mpa (725 – 4351 psi) |
|  | 34001067 | For use with the OS8000, OS8200, PS8000, RS8000 Including printer, charging cable, belt loop and 1 roll of registration paper |

| Standards & Guidelines | Description |
|------------------------|-------------|
| ГОСТ 22690 | |
| ASTM C 805 | |
| EN 12504-2 | |
| EN 13791 | |
| ACI 228.1R | |
| RILEM TC-ISC | |

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