

## Schmidt Rebound Hammers

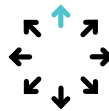
# Silver Schmidt OS8200

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

|                              |   |
|------------------------------|---|
| <b>Workflow features</b>     | Voice read-out of each impact (only on iOS®)<br>Logbook with geolocation, audio, image and text annotations<br>Series statistics<br>Single series reporting: PDF, CSV<br>Test-region reporting (multiple series): PDF, CSV, uniformity report, EN13791 characteristic strength report |
| <b>Display</b>               | Any compatible Apple® iOS device (please see App Store for details)<br>Any supported Android™ device (please see Google Play Store for details)   |
| <b>Measurements</b>          | Test region reporting<br>Select units, form factor and correlation curves<br>Create your own custom curves<br>Create custom curves databases for your own mixes   |
| <b>Verification features</b> | Options: EN12504-2, Manufacturer's recommendation, JGJ-T23<br>User reminder when verification check on the anvil is required<br>User guidance for verification procedure  |
| <b>Cloud features</b>        | Cloud synchronization<br>Cloud-enabled Logbook<br>Cloud-based report generation   |
| <b>Report Generation</b>     | Single, multiple series, test region (uniformity, EN13791)  |
| <b>Languages</b>             | English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian   |







## Instrument Tech Specs

|                                   |   |
|-----------------------------------|---|
| <b>Instrument Firmware</b>        | Automatic calculation of rebound value according to international standards   |
| <b>Memory</b>                     | Instrument memory > 20,000 impacts<br>Display memory - Memory of iOS or Android device  |
| <b>Impact Energy</b>              | 2.207 Nm (N), 0.735 Nm (L)  |
| <b>Compressive Strength Range</b> | 10 to >100 N/mm <sup>2</sup> (1,450 to >14,500 psi)<br>L-Hammer with optional mushroom plunger: 5 to 10 MPa (725 to 1,450 psi)                              |
| <b>Display</b>                    | Analog & backlit digital (100 x 100 pixels, graphic)  |
| <b>Connections</b>                | Low energy Bluetooth®, USB for charging and updates   |
| <b>Measurements</b>               | Impact angle independent<br>Displays the series on-screen as you work<br>Series validity checked automatically<br>Review an entire series<br>Delete impacts |
| <b>Battery</b>                    | Standard AAA, alkaline or rechargeable  |
| <b>Battery Lifetime</b>           | > 20,000 impacts between charges  |
| <b>Operating Temperature</b>      | 0° to 50°C  |
| <b>Languages</b>                  | 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<br>For on-site calibration check as recommended by EN12504-2            |
|  | 34110400   | Testing anvil for the OS8200 N/L, PS8000 and RS8000 N/L<br>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<br>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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