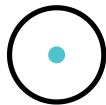




## Schmidt Rebound Hammers

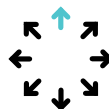
# Original Schmidt OS8000

Concrete strength and uniformity testing using rebound hammer technology



### Simplicity

Test on-site and share results up to 80% quicker compared to analog hammers. Eliminate operator errors thanks to automatic impact angle correction and series evaluation according to standards.



### Productivity

Cloud synchronization of your measurements. Comprehensive mobile apps and web-based functionality enhances productivity and makes instantaneous reporting possible.



### Reliability

All mechanical components are Original Schmidt components to ensure durability and standards compatibility.



## 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>Display</b>                    | Analog & backlit digital (100 x 100 pixels, graphic)                                                                                                        |
| <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 >10'152 psi)                                                                                                         |
| <b>Memory</b>                     | Instrument memory > 20,000 impacts<br>Display memory - Memory of iOS or Android device                                                                      |
| <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                                                                                                                      |
|-----------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | 34001301   | Portable anvil for the OS8000 N/L<br>For on-site calibration check as recommended by EN12504-2                                   |
|  | 31009040   | Testing anvil for the Original Schmidt N/L, OS8000 N/L<br>For regular calibration check as recommended by EN12504-2              |
|  | 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 |
|------------------------|-------------|
| JCSE-G504              |             |
| JGJ-T23                |             |
| EN12504-4, EN13791     |             |
| GOST 22690-2015        |             |
| ACI 228.1R             |             |
| ASTM C 805             |             |
| ISO 1920-7             |             |
| JIS A1155              |             |

## Authorized Distributor



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