



Advanced SilverSchmidt Concrete Test Hammer (ST Version)

Code: 35-1500

Product Group: Surface Hardness, Surface Hardness

The Silver Schmidt ST/PC is the first integrated concrete test hammer featuring true rebound value and unmatched repeatability. Two factors contribute to the improved performance of this concrete test hammer over its predecessors:

Velocity based detection of the rebound quotient.

The lightweight hybrid design of the impact plunger made from aerospace alloy, matched to the elastic properties of the concrete and equipped with a hardness steel cap. Independent validation testing by BAM (Federal Institute for Materials Research and Testing, Germany) has shown the Silver Schmidt ST/PC to have less dispersion than the classical concrete test hammer over the entire range. The unique design and high quality construction of the concrete test hammer Silver Schmidt ST/PC makes rebound hammer testing quicker and more accurate than ever before.

The rebound value requires no angular correction. The concrete test hammer offers customer conversion curves for a wide range of compressive concrete strengths, including low f_c (<10 N/mm², 1'450 psi) and high strength concrete (up to 100 N/mm², 14'500 psi).

A large number of measurement points can be easily collected by the concrete test hammer and automatically evaluated according to statistical data. The concrete test hammer offers automatic conversion to the required measurement unit (MPa, N/mm², kg/cm², psi).

The Silver Schmidt ST/PC concrete test hammer combines a high measurement accuracy with an unmatched repeatability.

Complies to EN 12504-2 (BS 1881-202), ASTM C805/C805M.

Further Information

- The SilverSchmidt ST concrete test hammer combines a high measurement accuracy with an unmatched repeatability.
- The rebound value requires no angular correction
- The concrete test hammer offers customer conversion curves for a wide range of compressive concrete strengths, including low f_c (<10 N/mm², 1'450 psi) and high strength concrete (up to 100

N/mm², 14'500 psi)

- A large number of measurement points can be easily collected by the concrete test hammer and automatically evaluated according to statistical data

- The concrete test hammer offers automatic conversion to the required measurement unit (MPa, N/mm², kg/cm², psi)

PLEASE NOTE THIS MODEL IS SUPPLIED WITH SOFTWARE ONLY FOR PERFORMING FIRMWARE UPGRADES AND SELECTING STATISTICS PRESETS.

Specification

Technical Data	Silver Schmidt
Impact Energy	2.207 Nm
Hammer Mass	135 g
Spring Constant	0.79 N/mm
Spring Extension	75 mm (2.95")
Dimensions	55 x 55 x 255 mm (2.16" x 2.16" x 9.84")
Concrete Compressive Strengths	10-100 N/mm ² (1450-14500 psi)
Weight	570 g (1.4 lb)

Accessories



SilverSchmidt Anvil

Code: [35-1500/10](#)

Alternatives



Concrete Test Hammer - English

Code: [35-1475](#)



Standard Concrete Test Hammer

Code: [35-1480](#)