



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

# Contents

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This wishlist was generated on 01/06/2017, and contains the following Products:

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35-1500

**Advanced SilverSchmidt Concrete Test Hammer**

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35-1480

**Standard Concrete Test Hammer**

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## Advanced SilverSchmidt Concrete Test Hammer

Code: 35-1500

Product Group: Surface Hardness

The SilverSchmidt 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 is 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 SilverSchmidt 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 SilverSchmidt ST/PC makes rebound hammer testing quicker and more accurate than ever before.

\*NOT AVAILABLE FOR SALE IN THE USA\*

## Further Information

- The SilverSchmidt ST/PC 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/mm<sup>2</sup>, 1'450 psi) and high strength concrete (up to 100 N/mm<sup>2</sup>, 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/mm<sup>2</sup>, kg/cm<sup>2</sup>, psi)

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## 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 <sup>2</sup> (1450-14500 psi)
Weight	570 g (1.4 lb)



## Standard Concrete Test Hammer

Code: [35-1480](#)

Product Group: [Concrete Test Hammer, Surface Hardness](#)

The hammer is intended for testing the quality of concrete in finished structures such as buildings and bridges. Supplied complete with carrying case and carborundum stone, the hammer is suitable for testing concrete with compressive strengths of 10 to 70 N/mm<sup>2</sup>.

## Standards

ASTM C805

## Specification

Body	Includes indicator scale, calibration curves.
Calibration Curves	Rebound number vs. compressive strength.
Rubbing Stone	Prepares test surface.
Accuracy	Within 15 %.
Carrying Case	Plastic.
Weight	Net 3 lbs. (1.4 kg).

## Accessories



### Testing Anvil

Code: [35-1530](#)

## Spares/Consumables



### Rubbing Stone

Code: [35-1475/10](#)

## Alternatives



## Concrete Test Hammer - English

Code: [35-1475](#)