## Concrete Test Hammers

We carry the Original Schmidt® Concrete Test Hammer. It is the device and method most frequently used for non-destructive strength testing of concrete and structural components. The spring-driven hammer is also useful in determining when forms may be removed, as well as assessing the damage done to a structure from freezing or fire. In operation, the hammer hits the concrete at a defined energy. Its rebound is dependent on the hardness of the concrete. Through the use of the included conversion table, the rebound value can then be converted to compressive strength. The Schmidt Hammer accurately measures compressive strength, which directly determines the load-bearing capacity and durability of concrete structures.

H-2975

H-2975L

H-2975NR

H-2972

H-2975.27

**Type N Schmidt Hammer— H-2975**
The H-2975, Type N Hammer is designed for testing concrete items 4" (100mm) or more in thickness, or concrete with a maximum particle size less than or equal to 1.25" (32mm). It is designed for testing concrete within a compressive strength range of 1,450 to 10,150 psi (10 to 70 N/mm$^2$) and Impact energy of the test is 1.6 ft-lbs (2.207 Nm) The standard (Type N) hammer displays rebound values on a mechanical sliding scale. These values can then be correlated to compressive strength by using the conversion table chart affixed to the hammer.

**Type N Schmidt Hammer (N/mm$^2$)— H-2975M**
Same as above, but includes a conversion table with a N/mm$^2$ scale instead of psi.

**Type NR Schmidt Hammer— H-2975NR**
The H-2975NR hammer utilizes the same hammer mechanism as the H-2975, but includes an integral paper strip recorder, which provides rebound values as a bar chart on a paper strip, providing a hardcopy record of the test data. One roll of paper can document 4,000 test impacts.

**Type NR Schmidt Hammer (N/mm$^2$)— H-2975NRM**
Same as above, but includes a conversion table with a N/mm$^2$ scale instead of psi.

**Replacement Paper for NR Hammer— H-2975NRP**
Roll of paper used with the Type NR Schmidt Hammer

**Type L Schmidt Hammer— H-2975L**
The H-2975L hammer is designed for testing thin-walled structural components with a thickness of less than 4" (100mm) or rock cores. This hammer features an impact of 0.74 Nm ,1/3 less energy than the Type N hammers.

**Type L Schmidt Hammer (N/mm$^2$)— H-2975LM**
Same as above, but includes a conversion table with a N/mm$^2$ scale instead of psi.

**All models include a grinding stone, carrying case and instruction booklet with conversion charts.**

**Grinding Stone— H-2975.27**
Replacement grinding stone

**Calibration Anvil— H-2972**
Calibration anvil ensures continued test accuracy. For use with all test hammers. Hammers should be periodically checked to determine correct performance.

**Replacement Conversion Chart Label (psi)— H-2975.25**
**Replacement Conversion Chart Label (N/mm$^2$)— H-2975.25N**



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