

The Schmidt Hammer was invented mainly as a means to test a structure's ability to withstand loads and stress. A Schmidt hammer has a metal rod that strikes the concrete at a defined force, the rebound energy of this impact is measured since it is all dependent on the hardness of the concrete.

## Doyen HT-225A



Specifications	Technical Data
Model	HT-225A
Test range	between 10 and 60 MPa
Nominal kinetic energy	2.207J (0.225kgf.m)
Flip tension spring rigidity	7.84N (0.80kgf) / cm
Punch advance for impact hammer	75 mm
Mean-value of steel-anvil rating of concrete test hammer	80+/-2
Standards	ISO/DIS 8045, EN 12504-2, ENV 206, DIN 1048 part 2, ASTM C 805, ASTM D 5873, NFP 18-417, B 15-225, JGJ/T 23-2001, JJG 817-1993
Dimension	60 x 280 mm
Net weight	1kg

## Ectha SM



Specifications	Technical Data
Model	Ectha SM
Range	10-120 N/mm <sup>2</sup> MpA
Impact Energy	2,207 Nm
Limit Thickness Test	120mm
Mean-value of steel-anvil rating of concrete test hammer	80+/-2
Standards	ISO/DIS 8045, EN 12 504-2, ENV 206, DIN 1048 part 2, BS 1881 part 202, ASTM C 805 ASTM D 5873(Roccia), NFP 18-417, B 15-225, JGJ/T 23-2001, JJG 817-1993
Dimension	30 x 7 x 7 cm
Weight	1.1 Kg

## Ectha 1000

Specifications	Technical Data
Model	Ectha 1000
Range	5-120 Nmm
Impact Energy	2,207 Nm
Limit Thickness Test	120mm
Mean-value of steel-anvil rating of concrete test hammer	80+/-2
Standards	ISO/DIS 8045, EN 12 504-2, ENV 206, DIN 1048 part 2, BS 1881 part 202, ASTM C 805 ASTM D 5873(Roccia), NFP 18-417, B 15-225, JGJ/T 23-2001, JJG 817-1993
Dimension	30 x 7 x 7 cm
Weight	1.1 Kg



## Ectha Plus Pro Digital Schmidt Hammer

Specifications	Technical Data
Model	Ectha Plus Pro
Range	5-120 Nmm
Impact Energy	2,207 Nm
Limit Thickness Test	120mm
Mean-value of steel-anvil rating of concrete test hammer	80+/-2
Standards	ISO/DIS 8045, EN 12 504-2, ENV 206, DIN 1048 part 2, BS 1881 part 202, ASTM C 805 ASTM D 5873(Roccia), NFP 18-417, B 15-225, JGJ/T 23-2001, JJG 817-1993
Dimension	30 x 7 x 7 cm
Weight	1.1 Kg

