



Durometer PCE-HT-450



Concrete test hammer based on the Schmidt principle / to determine concrete strength / high impact energy / quick and easy operation / for high-performance concrete

The durometer is an analog measuring device to determine concrete strength. The measuring method of the concrete hardness tester is based on the Schmidt principle. With this measuring method, a kinetic impact energy hits the concrete from the concrete hardness tester. The resulting rebound enables the concrete hardness tester to determine the strength of the concrete.

What is special about this concrete test hammer is the particularly high impact energy of 4.5 J. The concrete test hammer can be used to determine the concrete strength of high-strength concrete, also known as high-performance concrete, on bridges, high-rise buildings and foundations, for example. The concrete test hammer is therefore used on particularly heavily loaded concrete. The high kinetic energy of this concrete test hammer can cause injuries. To prevent injuries by untrained personnel, the mechanics can be locked on the concrete test hammer.

- ▶ Robust metal housing
- ▶ For high-strength concrete
- ▶ Quick and easy operation
- ▶ For determining concrete hardness
- ▶ Kinetic energy 4.5 J
- ▶ Firing pin lockable

Subject to change

Specifications

Nominal kinetic energy	4.5 J
Impact spring stroke	100 mm / 3.9"
Impact spring travel	106 mm / 4.1"
Impact spring force	900 ± 40 N/m
Calibration value	88 + 2
Radius of the spherical tip	SR 35 mm / 1.3"
Dimensions	Ø54 x 350 mm / Ø2.1 x 13.7"
Weight	ca. 2039 g / 72 oz

More information

More product info



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