

CONCRETE TEST HAMMER TC500

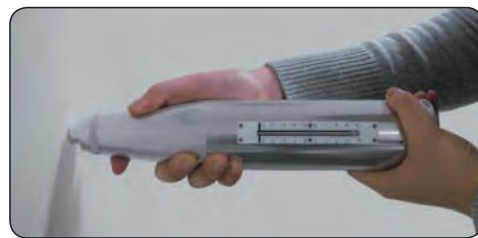


Brief Introduction

• TC500N/L is a portable instrument to test the compressive strength of concrete structures or rock in non-destructive testing field. The type N hammer is designed for measuring concrete thickness 100mm or more, or concrete with a maximum particle size no more than 32 mm. The type L hammer is used for measuring thin walled items with a thickness between 50 to 100 mm or for testing small components.

Features

- Suitable for testing a wide variety of concrete, rock and bricks
- Light, flexible and simple operation
- Friction adjusted by the pointer
- Adopt stretching techniques to let the button work well
- Supplied with carborundum stone to prepare test surface



Technical Specification

| Model | TC500N | TC500L | |
|----------------------------------|---------------------------|------------------|-------|
| Measuring range | 10 to 70N/mm ² | | |
| Impact energy | 2.207Nm | 0.735Nm | |
| Spring extension | 75±0.3mm | | |
| Friction of pointer system | 0.65±0.15N | 0.5±0.1N | |
| Length of pointer | 20.0±0.2mm | | |
| Radius of spherical tip | 25±1.0mm | | |
| Working length of the spring | 61.5±0.3mm | | |
| Mean value of steel-anvil rating | 80±2 | 74±2 | |
| Flip tension spring rigidity | 785.0±40.0N/m | | |
| Operating temperature | 0°C~+40°C | | |
| Storage temperature | -10°C~+50°C | | |
| Dimensions | Hammer | 280mm×Φ60mm | |
| | With case | 320mm×170mm×86mm | |
| Weight | Hammer | 1.0Kg | 0.8Kg |
| | With case | 2.5kg | 2.2Kg |

Standard Delivery

- Hammer 1
- Carborundum stone 1
- Flip tension spring 1
- Buffer spring 1
- Screwdriver 1
- Instruction manual 1
- TIME certificate 1
- Warranty card 1

