

# CONCRETE TEST HAMMER TC500

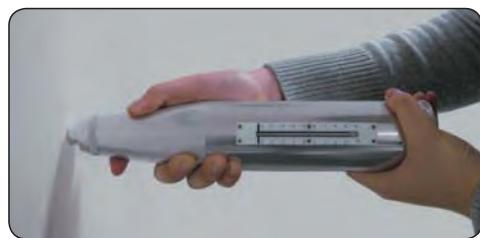


## Brief Introduction

• 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 <sup>2</sup>	
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
	With case	2.5kg
		0.8Kg
		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

