HT-225

Concrete Test Hammer

Introduction

The HT225 Concrete Test Hammer is designed specifically for the non-destructive testing of concrete structures. This method has considerable advantages over conventional methods of assessing the compressive strength of concrete in that large areas can be tested in a very short time at a very low cost.
The HT225 is comparable with the Schmidt Hammer, Type N, this method of testing is covered by EN 12 504-2, ASTM C 805, DIN 1048 and BS1881 part 202. These standards refer to assessment of the rebound hardness of concrete which is directly related to the compressive strengths of the material being tested.

Steel Anvil

In order to make sure test hammer in good status, we should calibrate it regularly.
Hardness of steel core:60±2HRC
The rebound value fall in the range of 80±2(for test hammer with impact energy of 0.735J and0.196J, it's calibrated value should be 74±2)

Technical Specification

Model	HT-225
Measuring ranges	10-70MPa
Impact energy	2.207±0.1J (0.225Kgf.m)
Length of spring stretch	75±0.3mm
The static friction of pointer slider	0.65N±0.15N
Radius of spherical tip	25mm±1mm
The average rebound values on steel anvil	80±2
Housing dimensions	Φ54×280mm
Weight	≈1kg