

CONCRETE TEST HAMMER HT-225A/HT-75/HT-20

Standard package - HT-225A

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Standard package - HT-75

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When testing the strength of concrete, the concrete test hammer uses a certain elastic force to transit the impact force of an impact hammer to the surface of concrete, its initial kinetic energy redistributes, a part of energy in the form of plastic deformation or residual deformation is adsorbed by the concrete, and another part of energy which is proportional to the surface hardness is transmitted to the impact hammer, making the hammer resile to a certain height, then the strength of the concrete is derived from the proportional relation between the height of resilience and the concrete strength.

With the merits of simple structure, easy correction, maintenance and repair, and portability, the concrete test hammer is widely used in civil engineering and construction industry for testing the strength of concrete. Compared to other nondestructive testers, the concrete test hammer is an economical and practical nondestructive testing instrument.

HT-225A is used for testing the strength of various concrete members (slab, beam, column, truss) of normal building strength and bridge.

HT-75 is used for testing small and impact-sensitive parts of concrete or artificial brick.

HT-20 is used for testing mortar or clay of products. ●



■ HT-20/HT-75

Specifications

Model	HT-225A	HT-75	HT-20
Measuring range	10-70N/mm ²		1-25N/mm ²
Impact energy	0.225kgm (2.207Nm)	0.075kgm (0.735Nm)	0.020kgm (0.196Nm)
Maximum breakdown friction of rider	0.49-0.78N(50-80g)	0.5±0.10N	
Meanvalue of steel-anvil rating of hammer	80±2	74±2	
Punch advance for impact hammer	75mm		
Application	for testing ordinary building and bridge construction	for testing small and impact-sensitive parts of concrete or artificial brick	for testing mortal or clay of products
Dimension (mm)	φ60x280		
Net weight	1.0kg		
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		



■ HT-225A