Surface hardness tester for casting/wet mold sand

HT-6510S

Model: HT-6510S(A/B/C)

FEATURES

* The Sand Mould Surface Hardness Tester is used to measure the surface hardness of the sand mould/core of the wet mold and provide technical parameters for the formulation of the molding process.
* The surface hardness of sand mold is divided into three types: A, B and C, The common model is type B, among them:
Type A: Suitable for the surface hardness test of fine sand mold/core in manual or mechanical low and medium pressure molding.
Type B: Suitable for the surface hardness test of fine and coarse sand mold/core in manual or mechanical low and medium pressure molding.
Type C: Suitable for the surface hardness test of sand mold in high pressure molding.
* The unit of type B hardness tester for sand mold surface is (g/mm^2), but it is customary to use hardness H(A/B/C) instead of unit. Because their values are related and consistent, the corresponding hardness value is also large when the unit value is large (g/mm^2).
* Low voltage indicator.
* Digital display gives exact reading with no guessing or errors.
* Can communicate with PC for recording, printing and analysing by the optional software and cable for RS232C interface.
* Automatic power off to conserve power.

technical specifications

model	HT-6510S-A	HT-6510S-B	HT-6510S-C
compression travel	2.50mm	2.50mm	2.50mm
load	237g	980g	1500g
To load	90g	50g	180g
Shape and size of indenter	BALL:R2.50	BALL:R12.70	BALL:R1.20
measurement unit	HA	HB	HC
display parameter	Hardness value/average value/maximum value		
display	4-bit 10mm liquid crystal		
indication range	0~100 HA(HB/HC)		
measuring range	10~90 HA(HB/HC)		
Accuracy	≤±1 HA(HB/HC)		
resolution ratio	0.1 HA(HB/HC)		
Low Voltage Warning	√		
Automatic shutdown function	√		
work environment	temperature: 0~40°C humidity: <80%RH		
power supply	2x1.5v AA		
size	176x65x27mm		
Weight (excluding batteries)	170g		

model selection

low	medium	high
Type A (for fine sand)		
Type B(for fine/coarse sand)		
		Type C

Accessories

Accessories	host
	Portable Case (B04)
	operating manual
Optional accessories	USB online cable and software
	Bluetooth adapter and software