

### Heat Insulation Tester, HILAB, model H028



**Purpose** – Assess the heat insulation properties of the sole complex of footwear, **according EN ISO 20344:5.12; ISO 20877 and EN 15090.**

This equipment is supplied complete with necessary accessories to perform the test:

**Temperature probe, steel balls and sand.**

Temperature is controlled with accuracy demanded by standards, due a temperature controller with PID system.

Test routine is controlled by a PLC, accessed through a touchscreen that allows make different test programs, according each standard. Program manage the temperature on the plate according inserted value, time of each period and both “Initial Temperature” and “Final Temperature” inside of footwear. At end, a buzzer will give an acoustic signal and all test values are showed in the screen.

TECHNICAL DATA				
Voltage	(VAC)	230 ± 10	Temperature probe	EN ISO 20344:5.12.1.3
Frequency	(Hz)	50	Steel balls	EN ISO 20344:5.12.1.2
Power	(W)	3000	Sand	EN ISO 20344:5.12.1.1
Compressed air	(bar)	---	<b>Note:</b> electrical connection must be according high electrical power of the machine.	
Dimensions (F x H x D)	(mm)	700 x 350 x 600		
Net Weight	(Kg)	40		

Due continuous technical development, we reserve the right to introduce changes in the product, without previous notice.

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