

**HONGCE**

**HANDHELD SPRAY NOZZLE  
TESTER  
HH0803**

**USER MANUAL**

Building D2, Jinhe Industrial Park, Dashi Street, Panyu District, Guangzhou, Guangdong, China

Tel: +86-020-31143909-801 | Fax: +86-020-31143909-802

Email: [sales@iectester.com](mailto:sales@iectester.com) | [sales@iectestingequipment.com](mailto:sales@iectestingequipment.com)

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# **I FOREWARD**

Thanks for purchasing and using our products! In order to ensure safety and proper usage of this product, please read this entire user manual before operating the product.

The user manual contains unpacking checking, security warnings, the main technical parameters, working principles, operation methods. We have worked hard to ensure the completeness and accuracy of the contents of this document. If you have any questions or different understandings during the usage, or find any shortcomings and mistakes, welcomes to contact with our company or our authorized agents directly.

Please keep this user manual in order to ensure the normal use of the instrument.

## II Product Introduction

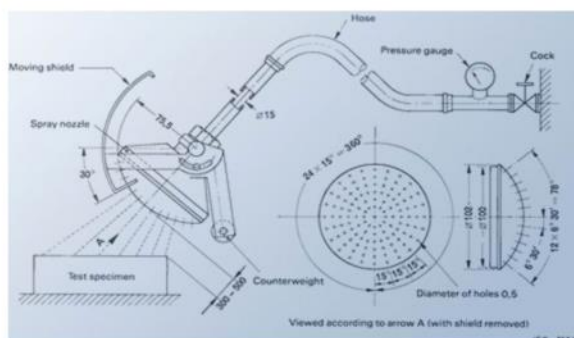
The HT IPX3/4 Spray Nozzle is a hand-held test device to verify protection against spraying and splashing water. The water pressure can be adjusted using the flow control knob on the device to give the required flow rate. The pressure can be seen on the gauge which is conveniently positioned by the nozzle. The spray pattern of the nozzle is made to the specifications of IEC 60529. A movable shield can be put down over a portion of the nozzle for IPX3 or moved out of the spray pattern for IPX4.

## III Technical Parameters

Pressure Gauge	0 - 1.6 bar
Number of Holes	121
Diameter of Nozzle Holes	$\Phi 0.5$
Nozzle Material	Brass ( H62)
Flapper Cover Angle	$30^\circ$
Conforms To	IEC60529, IEC60598-1, IEC60335-1, IEC60745-1

Include:

- ☆ Pressure gauge
- ☆ Movable shield with counterweight
- ☆ Ball valve for water flow regulation
- ☆ Hose connector



Standard Figure



Product View

## IV Installation and Commission

Install the water flow meter, hose and watering device as below picture shown, and then open the valve to adjust the water flow to be  $(10 \pm 5\%)$  L / min, and check whether the pressure gauge shows the pressure in the range of 50-150KPa. If the water flow is less than 10 liters, then a booster pump should be installed, please refer to the blow picture.

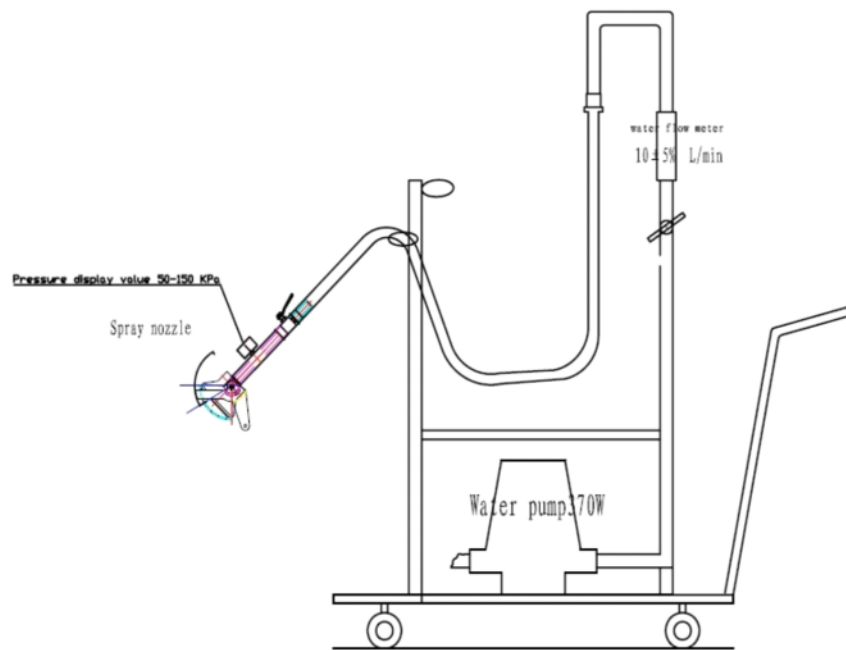
- ☆ Waterproof rating for IP3 sample test: According to IEC60529 Figure 5, with flapper test.
- ☆ Waterproof rating IP4 sample tests: Please remove the flapper to make the sample can be splashed in all directions.



**Booster pump**



**The whole system:**



## **V Contact To Manufacturer**

Manufacturer: Guangzhou HongCe Equipment Co., Ltd

Address: Building D2, Jinhe Industrial Park, Dashi Street,  
Panyu District, Guangzhou, Guangdong, China

Postal code: 511430

Tel: 020-31143909-801

Fax: 020-31143909-802

Email: [sales@iectester.com](mailto:sales@iectester.com) / [sales@iectestingequipment.com](mailto:sales@iectestingequipment.com)

Website: [www.iecster.com](http://www.iecster.com) / [www.iectestingequipment.com](http://www.iectestingequipment.com)