



Precision Engineering IP1X IP2X IP3X IP4X Test Probe , Rigorous Assessment Test Tool

Our Product Introduction

Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: ISO20653:2013 IEC60529:2013
IEC60598:2021 DIN40050-9:1993
- Model Number: YX-IP14X
- Minimum Order Quantity: 1pcs
- Price: usd+20000+pcs
- Packaging Details: wooden package
- Delivery Time: 30-45 days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



Product Specification

- Usable Range: IP1X IP2X IP3X IP4X
- Material: 304 Stainless Steel
- Alternative Name: IP1-4X Inspection Probe , IP1-4X Simulation Test Tool
- Applying Environment: Dust Prevention
- Highlight: **IP2X Test Probe, IP4X Test Probe**

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Product Description

Precision Engineering IP1X IP2X IP3X IP4X Test Probe , Rigorous Assessment Test Tool

Product characteristics:

- 1, This chamber is suitable for IP1X,IP2X,IP3X,IP4X dust test.
- 2, It is suitable for IP1X, IP2X, IP3X, IP4X dustproof level testing of products.
- 3, IP1X test ball parameters: steel ball diameter 50mm, handle length 100mm, external test thrust $50\pm5N$.
- 4, IP2X test finger parameters: the diameter of the curved finger is 12mm, the length of the curved finger is 80mm, the number of knuckles is 3, and the external test thrust is $30\pm3N$.
- 5, IP3X test ball parameters: probe diameter 2.5mm, handle length 100mm, external test thrust $3\pm0.3N$.
- 6, IP4X test ball parameters: probe diameter 1.0mm, handle length 100mm, external test thrust $1\pm0.1N$
- 7, The handle is made of PC material, which is an insulating material.
- 8, When testing, it needs to be used with the power indicator:
 - (1) There are two terminals, red and black, on the rear panel. The red terminal is the voltage output terminal, and the black terminal is the voltage return terminal. During the test, connect the wiring of the red terminal to the live part or the easily accessible part of the sample under test, and connect the black terminal to the Connect to the end of the test finger (or other probes).
 - (2) During the test, press the test button on the front panel, use the test finger (or other probes) to touch or approach the live parts or easily accessible parts of the sample under test, when the head of the test finger (or other probes) When it is in contact with the charged part or easily accessible part inside the sample to be tested, the "failure light" on the front panel will light up, indicating that it has touched the live part and failed the inspection.

Device function:

The main function of this equipment is to test the protective performance of the products under the condition of simulating solid foreign matter touching the tested shell for electronic and electrical products, electric cabinets, motors, household appliances and other related fields. After the test, check to judge whether the performance of the product meets the requirements, so as to facilitate the design, improvement, verification and factory inspection of the product.

Standard parameters:

IP1X-Technical Parameters	
Steel ball diameter	50mm
handle diameter	10mm
handle length	100mm
test thrust	$50\pm5N$
Steel ball material	304 stainless steel
IP2X-Technical Parameters	
Bend finger diameter	12mm
Bend finger length	80mm
number of knuckles	3 knots
External test thrust	$30\pm3N$
finger material	304 stainless steel
IP3X-Technical Parameters	
Probe length	100mm
Probe diameter	2.5mm
handle length	100mm
External test thrust	$3\pm0.3N$
Probe material	304 stainless steel
IP4X-Technical Parameters	
Probe length	100mm
Probe diameter	1.0mm
Ball diameter	35mm
handle diameter	10mm
handle length	100mm
test thrust	$1\pm0.1N$
Rigid material	304 stainless steel

Notice:

Due to the technical upgrade, some technical parameters do not conform to the actual machine, please forgive us without further notice.

The product image:



IP1-4X test device

Tags:IP1X Test Ball , IP2X Test Finger , IP3X Inspection Probe , IP4X Fine Wire Probe



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