

IP Probes: Test Probe A

1. (Auto-A) Test sphere probe with handle 50mm



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Reference standard

IEC60529,IEC61032,IEC60335,IEC61029,IEC60745,IEC60065,IEC60950.

Applications

This probe is intended to verify protection of persons against access to hazardous parts for an IP1 Code. Also used to verify protection from access with the back of the hand for an IP suffix A code. The handle is made of plastic and the ball is made of stainless steel.

Technical specifications

Ball diameter	50mm
Baffle plate diameter	45mm
Baffle plate thickness	4mm
Handle diameter	10mm
Handle length	100mm

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IP Probes: Test Probe B

2. (Auto-B) Jointed test finger



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Reference standard

IEC61032,IEC60950,IEC60335,IEC60529,IEC60045,IEC60884,IEC69745-1

Applications

This is the "International" test finger required by most IEC, EN and CSA Standards, in addition to many UL Standards. Built in strict accordance to the newest requirements with integral palm simulator. This is the ONLY Finger Probe available with a integral jack in the handle for continuity testing - as mandated by the IEC CB Scheme. The handle is made of plastic and the finger is made of chrome plated steel. All parts precision machined.

Technical specifications

Knurled finger diameter	12mm
Knurled finger length	80mm
Baffle plate diameter	50mm
Baffle plate length	100mm
Baffle thickness	20mm
Material	plastic + stainless steel

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IP Probes: Test Probe C and D

3.(Auto-C) 2.5mm Test Rod /(Auto-D) 1.0mm Test Wire



Reference standard

IEC61032,IEC60529,

Applications

Used to verify the protection of persons against access to hazardous parts. Also used to verify the protection against access with a tool. Meets IEC and EN Standards including IEC 529 for IP3 and suffix C codes. The handle and stop face are made of Delrin. The rod is made of stainless steel.

Technical specifications Test Probe C

Test probe Length	100mm
Test probe Diameter	2.5mm
Dam-sphere Diameter	35mm
Handle Diameter	10mm
Handle Length	100mm

Technical specifications Test Probe D

Test probe Length	100mm
Test probe Diameter	1.0 mm
Dam-sphere Diameter	35mm
Handle Diameter	10mm
Handle Length	100mm

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IP Probes: Test Probe 11

3.(Auto- 11) Rigid test probe



Reference standard

IEC61032 Test probe 11, IEC60065, IEC60335-1, IEC60884-1

Applications

A “rigid” version of the International Test Finger, used for force applications on openings, as required by IEC61032 Test probe 11, IEC60065, IEC60035-1, IEC60884-1, EN, UL and CSA Standards. Handle is made of nylon, rigid finger is made of stainless steel.

Technical specifications

Nodular Finger Length	80mm
Nodular Finger Diameter	12mm
Dam-board Diameter	50mm
Dam-board Thickness	5mm

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IP Probes: Test Probe 12 and 13

4.(Auto- 12) Long test pin probe (Auto- 13) Short test pin probe



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Reference standard

IEC61032 Test probe12 and test probe 13, IEC60065, IEC60335-1, IEC60950

Applications

This pin is used on appliances for verifying that there is no access to hazardous live parts of heating elements which could be touched accidentally by a tool (i.e. screwdriver), Meets IEC61032 Test probe12,IEC60065,IEC60035-1,IEC60950 & EN requirements. Handle is made of nylon, tip is hardened steel.



Technical specifications Test Probe 12

The probe Diameter	4mm
The probe Length	50mm
Dam-board diameter	25mm
Dam-board thickness	4mm

Technical specifications Test Probe 13

The probe Diameter	Head 3mm,tail 4mm
The probe Length	15mm
Dam-board diameter	25mm
Dam-board thickness	5mm



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IP Probes: Test Probe 18 and 19

Jointed Children test finger (Auto- 18) (Auto-19)



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Reference standard

IEC 61032, Figures 12 and 13, EN71, ASTM F963

Applications

These size test fingers are to test for protection against access to hazardous parts with a human finger and / or arm. These are high precision probes made in exact accordance with IEC 61032, Figures 12 and 13, EN71, ASTM F963. The child's finger is also called out in U.S. Federal Regulations, Title 16, Volume 2, Chapter 11, Part 1500 for consumer products.



Technical specifications Test Probe 18 and 19

- *Children Finger Probe 19 (suit for 0-36 months infant)*
Knurled finger diameter: $\varnothing 5.6\text{mm}$;
Head radius: 2.8mm;
Knurled finger length: 44mm (Three knurls, 16.7mm/knurl).
- *Children Finger Probe 18 (suit for 37-96 months child)*
Knurled finger diameter: $\varnothing 8.6\text{mm}$;
Head radius: 4.3mm;
Knurled finger length: 57.9mm (Three knurls, 19.3mm/knurl).

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IP Probes: Test Probe 31 and 32

Test probe 31 (Auto-31)



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Reference standard Test Probe 31

Reference standard: IEC61032 Figure 14 Test probe 31

Technical specifications Test Probe 31

Rod: diameter 25mm, 80mm long, interchangeable metal or Delrin probe.



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Reference standard Test Probe 32

Conform to the IEC61032 Test probe 32

Technical specifications Test Probe 31

Rod: diameter 25mm, Dam-board diameter 50mm. The handle is made of nylon, tip is made of stainless steel.

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IP Probes: Test Probe 41 and 43

Test probe 41/Test thorn probe (Auto-41)



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Reference standard Test Probe 41

IEC61032 Test probe 41

Applications

For testing accessibility in appliances with visibly glowing heating elements. Also for testing parts supporting such elements. Complies with IEC61032 Test probe 41, EN, UL & CSA requirements. The handle is made of nylon, tip is made of stainless steel.

Technical specifications Test Probe 41

Test Rod Diameter	30mm
Rigid Finger length	80mm
Handle diameter	50mm
Handle length	80mm



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Reference standard Test Probe 43

Conform to the IEC61032 Test probe 43

Technical specifications Test Probe 43

Bar: 50mm wide, 5mm thick, 175mm long.
12.

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