

## 1. IP1X Test Probe with 50N



### Specification:

IP1X Probe A /Test Probe A

- 1, According to : IEC 61032:1997 / IEC 60529:2001
- 2, IP1X Probe A (Test Probe A) is necessary appliance for household and similar electrical appliance of against electric shock protection test.

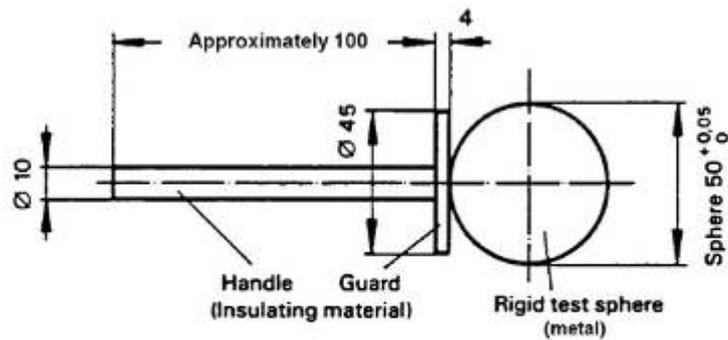
### Technical Parameters:

1. Ball Diameter: 50mm
2. Total Length: 210mm
3. Baffle Plate Diameter: 45mm
4. Baffle Plate Thickness: 4mm
5. Handle Diameter: 45mm
6. Handle Length: 95mm
7. According to IEC 61032 figure 1 (the Test probe A), table 6 the first characteristics (1)

### Application:

- 1, Sphere can not touch the live parts or close to the dangerous parts.
- 2, In the testing requirements of keep close to the dangerous part, the test steel ball without thrust need to be used with push tension meter, and steel body for protective coating need to apply to 50 N thrust.

a)



*Dimensions in millimetres*

This probe is intended to verify the protection of persons against access to hazardous parts. It is also used to verify the protection against access with the back of the hand.

**Figure 1 – Test probe A**

## 2. IP2X Test Finger with 10N



IP2X Probe B /Test Probe B

Force Level: 10N

1. Conforms to: Standard IEC 61032-1997, IEC 60529-2001.
2. The Standard Test Knurled Finger Probe is the necessary appliance to prevent electric shock for household and similar electrical problem.

### **Technical Parameters:**

Length: 30.5 cm

Knurled Finger Diameter: 12 mm

Knurled Finger Length: 8 cm



### 3. IP3X Test Probe with 3N



#### **Basic Introduction:**

1. According to: IEC 61032:1997 / IEC 60529:2001.
2. IP3X Test Probe C (Test Probe C) is the necessary tool to proceed protecting electric shock test of household and similar electrical appliances.

#### **Technical parameters:**

1. Test Probe Length: 100mm
2. Test Prober Diameter: 2.5mm
3. Dam- sphere Diameter: 35mm
4. Handle Diameter: 10mm
5. Handle Length: 100mm
6. According to IEC 61032 figure 3 (the Test probe C). Table 6 (the first characteristic digital 3)

#### **Application:**

1. Standard test refers to the joint part can't touch the live parts or close to the dangerous parts. and 35mm circular baffle can not be enter.
2. In the test requirement for preventing access to the hazardous parts. Test Probe C need to be with push force  $3\pm 0.3N$ .

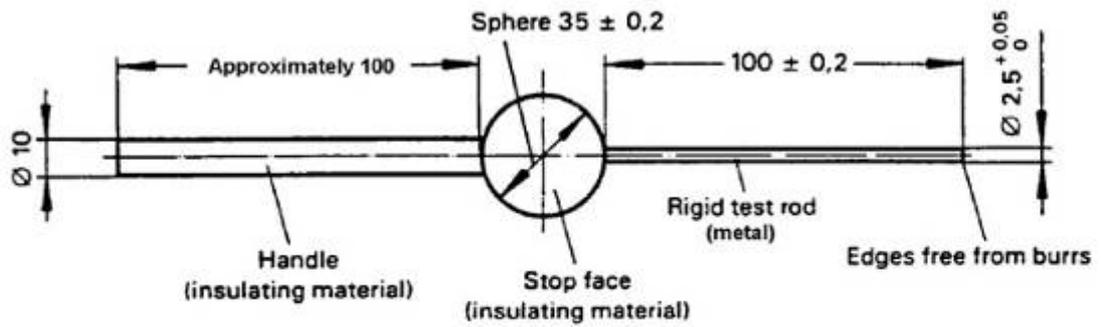
#### **Purpose:**

This probe is intended to verify the basic protection against access to hazardous parts. It's also used to verify the protection against access with a tool.

#### **Note:**

For without thrust products, please use with the push tension dynamometer.

c)



*Dimensions in millimetres*

This rod is intended to verify the protection of persons against access to hazardous parts. It is also used to verify protection against access with a tool.

**Figure 3 – Test probe C**

#### 4. IP4X Test Probe with 1N



##### **Basic Introduction:**

1. According to: IEC 61032:1997 / IEC 60529:2001
2. IP4X Test Probe D (Test Probe D) is necessary appliance for household and similar electrical appliance of against electric shock protection test.

##### **Technical parameters:**

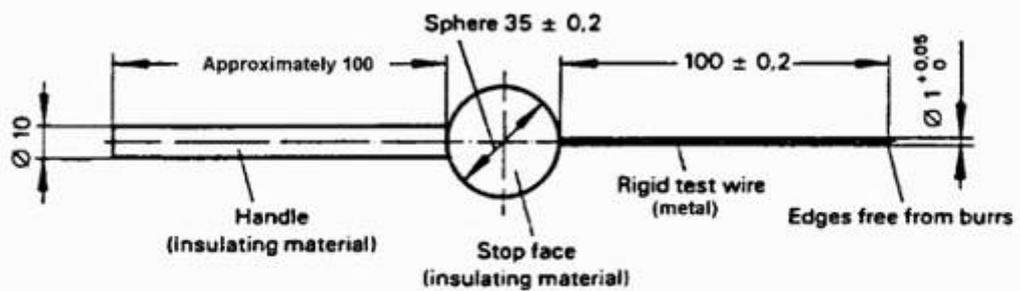
1. Test Probe Length: 100mm
2. Test Prober Diameter: 1.0mm
3. Dam- sphere Diameter: 35mm
4. Handle Diameter: 10mm

5. Handle Length: 100mm

6. According to IEC 61032 figure 4 (the Test probe D), Table 6 (the first characteristic digital 4/5/6)

**Application:**

1. Standard test refers to the joint part can't touch the live parts or close to the dangerous parts, 30mm circular baffle can not be enter.
2. In the test requirement for preventing access to the hazardous parts, Test Probe D need to be with thrust  $1 \pm 0.1N$



*Dimensions in millimetres*

This wire is intended to verify the protection of persons against access to hazardous parts. It is also used to verify the protection against access with a wire.

**Figure 4 – Test probe D**