

IEC 60335-2-3 CLAUSE 20.104

IEC 60335-2-3 Clause 20.104 Test Probe

7 mm and 25 mm Safety Probe Set

Cylindrical test probe set for checking accessible openings between movable and fixed parts of ironing boards and ironing systems, supporting crushing and shearing hazard evaluation under IEC 60335-2-3 Clause 20.104.



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Complete probe set: 7 mm probe + 25 mm probe

Key Information

Applicable Standard

Designed for IEC 60335-2-3 Clause 20.104 mechanical safety testing.

Set Configuration

Includes 7 mm and 25 mm cylindrical probes supplied as a matched probe set.

Test Object

Used for ironing boards and ironing systems during mechanical safety evaluation.

Test Purpose

Checks accessible openings that may create crushing or shearing hazards.

Application Method

Applied to openings without appreciable force according to the test method.

Typical Users

Manufacturers, testing laboratories and quality control departments.

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Technical Parameters

The probe set is a compact standard test accessory used to evaluate relevant openings between movable and fixed parts. The final judgment should follow the complete IEC 60335-2-3 Clause 20.104 procedure and the laboratory acceptance criteria.

Parameter	Specification	Remark or Notes
Product name	IEC 60335-2-3 Clause 20.104 Test Probe	7 mm and 25 mm safety probe set
Applicable standard	IEC 60335-2-3 Clause 20.104	For ironing board mechanical safety testing
Product type	Cylindrical test probe set	Standard test accessory
Test object	Ironing boards and ironing systems	According to the applicable test clause
Test purpose	Crushing and shearing hazard evaluation	Accessible opening inspection
7 mm probe	Diameter 7 mm	Used to check small accessible openings
25 mm probe	Diameter 25 mm	Used to confirm larger clearance openings
Test position	Openings between movable and fixed parts	Check the most unfavorable positions
Test force	Without appreciable force	Do not force the probe into the opening
Documentation	Product specification and inspection support available	According to order requirement
Verification support	Diameter verification support available	Confirm according to laboratory needs

Probe Images



7 mm Test Probe

For checking small accessible openings in the relevant test positions.



25 mm Test Probe

For confirming larger clearance openings during the Clause 20.104 evaluation.

Testing Principle and Use Notes

During testing, the 7 mm and 25 mm probes are gently applied to relevant openings between movable and fixed parts. Openings should be checked in the most unfavorable positions during adjustment, release, folding, unfolding or movement.

Result Interpretation Guide

7 mm does not enter

The opening is generally too small for the specified access condition.

7 mm enters, 25 mm does not

The opening may require further evaluation as a possible crushing or shearing hazard.

25 mm enters

The clearance is generally large enough for the specified evaluation condition.

Operation Notes

- Confirm the applicable IEC 60335-2-3 clause and product test positions before testing.
- Apply the probes without appreciable force; do not push the probe into an opening.
- Check openings between movable and fixed parts, not only the final locked position.
- Record the tested position, probe size, observation and final assessment result.
- Clean and store the probes in a dry, protected condition after testing.

Inquiry Information

- Applicable standard and clause
- Test object: ironing board or ironing system
- Required probe size: 7 mm, 25 mm or complete set
- Documentation or verification requirement
- Quantity and expected delivery schedule



Product Page Support

Scan the QR code or visit the product page to request specification confirmation, quotation support and documentation according to your test requirement.



Product QR Code

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