

VEROCH

Product Safety Testing Equipment

VEROCH

**CATALOG
OF PRODUCTS**

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JOINTED FINGER TEST PROBE

VRI FT



The VRI FT Jointed Finger Probe is the “international” test finger required by most IEC, EN, UL and CSA standards, in addition to many standards, such as IEC 60950, IEC 61010, and IEC 61032 — and is also used for CSA. The VEROCH Jointed Finger Probe feature a palm simulator to prevent misuse and restricted joint movement which simulates human finger movement.

The finger is made of chrome-plated steel, and its handle is made of Delrin®.

Features

- Instrument manufactured according to the relevant standards.
- Produced with high quality material and correct dimensions.
- Calibration available for an additional fee, report issued by ILAC accredited LAB.
- One-year warranty.
- Product made in U.S.

COPPER SLUGS WITH K TYPE THERMOCOUPLE (10g, 0.58g & 1.76g)

VRI CS 10 / CS 58 / CS 76



The VEROCH Copper Slugs with K Type Thermocouple - VRI CS 10, VRI CS 58 and VRI CS 76 are manufactured in the United States and to comply with IEC, UL and other international standards. VEROCH manufactures three different sizes, 10g copper block, 0.58g copper block and 1.76g copper block. Each copper block is meticulously measured and weighted, before drilling in order to comply with all standards. Traceability of material, dimensions, and weight can be provided.

Specifications

- Instrument manufactured according to the relevant standards.
- Produced with high quality material and correct dimensions.
- Calibration available for an additional fee, report issued by ILAC accredited LAB.

IMPACT SPRING HAMMER UNIVERSAL (0.14-1 J)

VRI SHU



The VRI SHU Impact Spring Hammer Universal is designed to perform impact tests for product durability.

The Spring Hammer Universal meets the testing needs of industry standards such as IEC 60065, 60335, 60598, 60601, 61010 among others.

A compressed spring accelerates a hammer head to hit the sample undergoing test. The spring is released from a lock mechanism by pressing the cone-shaped top of the impact hammer against the product under test. This version is ideal if you need to adjust the energy level.

- Simulates mechanical impact to electronic products and electrical appliances.
- Adjustable from 0.14 Nm to 1Nm (joule) allowing full range of test settings.
- This product meets requirements of IEC 60068-2-75.
- Versatility

Specifications

- Impact energy: 0.14J – 1J. (adjustable energy).
- Weight of body: 1,25 Kg. \pm 0,03 Kg.
- Weight of striking element: 0,25 Kg. \pm 0,01 Kg.
- Weight of release cone: 0,06 Kg. \pm 0,001 Kg.
- Hammer head Hardness: 100 Rockwell.
- Hammer head material: Polyamide.
- Hammer head radius: 10 mm.
- Dimensions: Diameter: 50mm \pm 0,5mm. Body Length: 217mm \pm 2mm.
- Reference: IEC 60068-2-75

Features

Instrument manufactured according to the relevant standards

- Single and Universal models available
- Produced with high quality material and correct dimensions
- Supplied in a compact carrying case
- Comprehensive user manual
- Calibration available for an additional fee, report issued by ILAC accredited LAB
- One-year warranty

IMPACT SPRING HAMMER SINGLE ENERGY

VRI SHS

The VEROCH Impact Spring Hammer Single Energy is designed to perform impact tests for product durability.



- Meets the testing needs of industry standards such as IEC 60065, 60335, 60598, 60601, 61010 among others.
- The hammer simulates mechanical impact to electronic products and electrical appliances.
- The impact hammer is set at the factory to one specific energy level.
- The energy range available is between 0.14 Nm to 1 Nm (Joule).
- The energy should be specified at the time of ordering.

The VRI SHS Impact Spring Hammer – Single is an economical solution when you only need one energy level, if you need to adjust the energy you should consider the UNIVERSAL version. A compressed spring accelerates a striking element to hit the sample undergoing test. The spring is released from a locking mechanism by pressing the cone-shaped end of the impact hammer against the product under test. This product meets requirements of IEC 60068-2-75.

SHARP EDGE TESTER

VRI SE



The VRI SE Sharp Edge Tester is used for determining the sharpness of edges of electrical equipment and other consumer products. It is used to determine the potential personal injury related to the sharpness of edges that are part of or associated with appliances and equipment. A sharp edge of an enclosure opening, frame guard, knob, handle or the like of an appliance or equipment shall be smooth and rounded so as not to cause a cut-type injury when contacted during normal use or user maintenance. If you have a new product that you plan to submit to UL Underwriters Laboratories for approval, you must use a Sharp Edge Tester to test the edges.

Features

- Product designed and manufactured in the USA
- Includes case for storage and protection; also includes one replacement cap
- Features include a compact arm, lightweight and ergonomic
- Manufactured according to Underwriter Laboratories Standard UL 1439
- Has sealed ball bearings to reduce friction
- Has a spring which meets the latest UL force requirement
- One year warranty.

Specifications

Instrument manufactured according to the relevant standards

- Produced with high quality material and correct dimensions
- Features include a compact arm
- Sealed ball bearing to reduce friction
- Spring which meets the latest UL force requirement
- Calibration available for an additional fee, report issued by ILAC accredited LAB
- One-year warranty
- Material: Aluminum
- Size: 1x2x6 in (25x50x150 mm)
- Weight: 0.66 lbs (300g)
- Reference: UL 1439

25 REPLACEMENT CAPS FOR SHARP EDGE TESTER

VRI RC 25



- The VRI RC 25 Sharp Edge Tester Replacement Caps for VRI SE (VEROCH Sharp Edge Tester) are constructed to meet the latest revised UL standards.
- They consist of three pre-assembled tapes on a plastic cap.
- The cap slips onto the VRI SE mandrel for testing.
- The tape caps are constructed using three layers: one layer of black foam tape, one layer of white tape; and one layer of skived Teflon® tape.
- The Replacement Caps for VRI SE (VEROCH Sharp Edge Tester) are interchangeable with sharp edge testers made by other manufacturers.
- The Tape cap is the most efficient way for the inspector to easily and quickly conduct multiple tests.
- Each time a test is performed with the tape cap, it can be removed, identified and replaced within seconds thus providing more tests in less time to facilitate inspection reports.

JET NOZZLE IPX 5/6 (SET)

VRI NZ



The Jet Nozzle VRI IPX 5/6 Set, is used for the verification test of the degree of protection to the risk of water penetration provided by the wrapper of equipment in fulfillment of IPX5 and IPX6 according to the IEC 60529 Section 14.2.5. & 14.2.6.

Jet Nozzle VRI IPX 5/6 Set is designed to perform tests in large and small scale products. It is a great option when a portable tester is necessary. Jet Nozzle IPX 5/6 VRI NZ comes with two nozzles (6.3mm for IPX5 and 12.5mm for IPX6). Meets the testing needs of industry standards such as IEC 60529, 60598-1, 60335-1, EN60335-1, 60950, 60529, GB4208, 2423, 7000.1 GB/T4942.2, 4706.1

The Jet Nozzle VRI IPX 5/6 Set consists of a jet handle that is equipped with an easy-to-adjust flow valve and a pressure gauge.

- Interchangeable nozzles that assemble easily to the jet handle.
- Nozzles made from stainless steel.
- Designed and manufactured in the USA.

Jet Nozzle VRI IPX 5/6 VRI NZ Conforms To IEC60529, 60598-1, 60335-1, EN60335-1, 60950, 60529, GB4208, 2423., 7000.1 GB/T4942.2, 4706.1

Specifications

Instrument manufactured according to the relevant standards

- Pressure Gauge (included)
- Digital Flow Meter (upon request)
- Produced with high quality material and correct dimensions
- Supplied in a compact carrying case
- Comprehensive user manual
- Calibration available for an additional fee, report issued by ILAC accredited LAB
- One-year warranty
- Nozzle Diameter: 6.3mm (IPX 5), 12.5mm (IPX 6)
- Weight: 0.75kg
- Pressure Gauge: 0-30psi
- Reference: IEC 60529

SW Spray Shower Tester IPX 3/4

VRI SW



The VRI SW Spray Shower Tester IPX 3/4 is designed to perform tests in large and small scale products. It is a great option when a portable tester is necessary. It is an alternative to the Oscillating Tube for establishing the degree of protection against ingress water.

The VEROCH Spray Shower Tester VRI IPX 3/4 is intended for use on specimens that will not fit within the diameter of the Tube Tester.

- The primary IEC tests include IPX3 and IPX4 protection against water spraying and splashing water.
- It 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 Spray Shower Tester VRI IPX 3/4.
- The spray pattern of the nozzle is made to the specifications of IE60529.
- The removable shield feature makes it easy to test without the interference of the shield.
- The VEROCH Spray Shower Tester VRI IPX 3/4 meets the testing needs of industry standards such as IEC 60529, IEC 60598-1, IEC 60335-1, IEC 60745-1, GB 4208, GB 7000.1

Specifications

- Weight: 1,45 Kg.
- Dimensions: Width 120mm / Body Length 315mm
- Reference: IEC 60529, IEC 60598-1, IEC 60335-1, IEC 60745-1, GB 4208, GB 7000.1

Instrument manufactured according to the relevant standards

- Produced with high quality material and correct dimensions
- Pressure Gauge (Included)
- Digital Flow Meter (upon request)
- Supplied in a compact carrying case
- Comprehensive user manual
- Calibration available for an additional fee, report issued by ILAC accredited LAB
- One-year warranty
- Moving Screen Protector

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