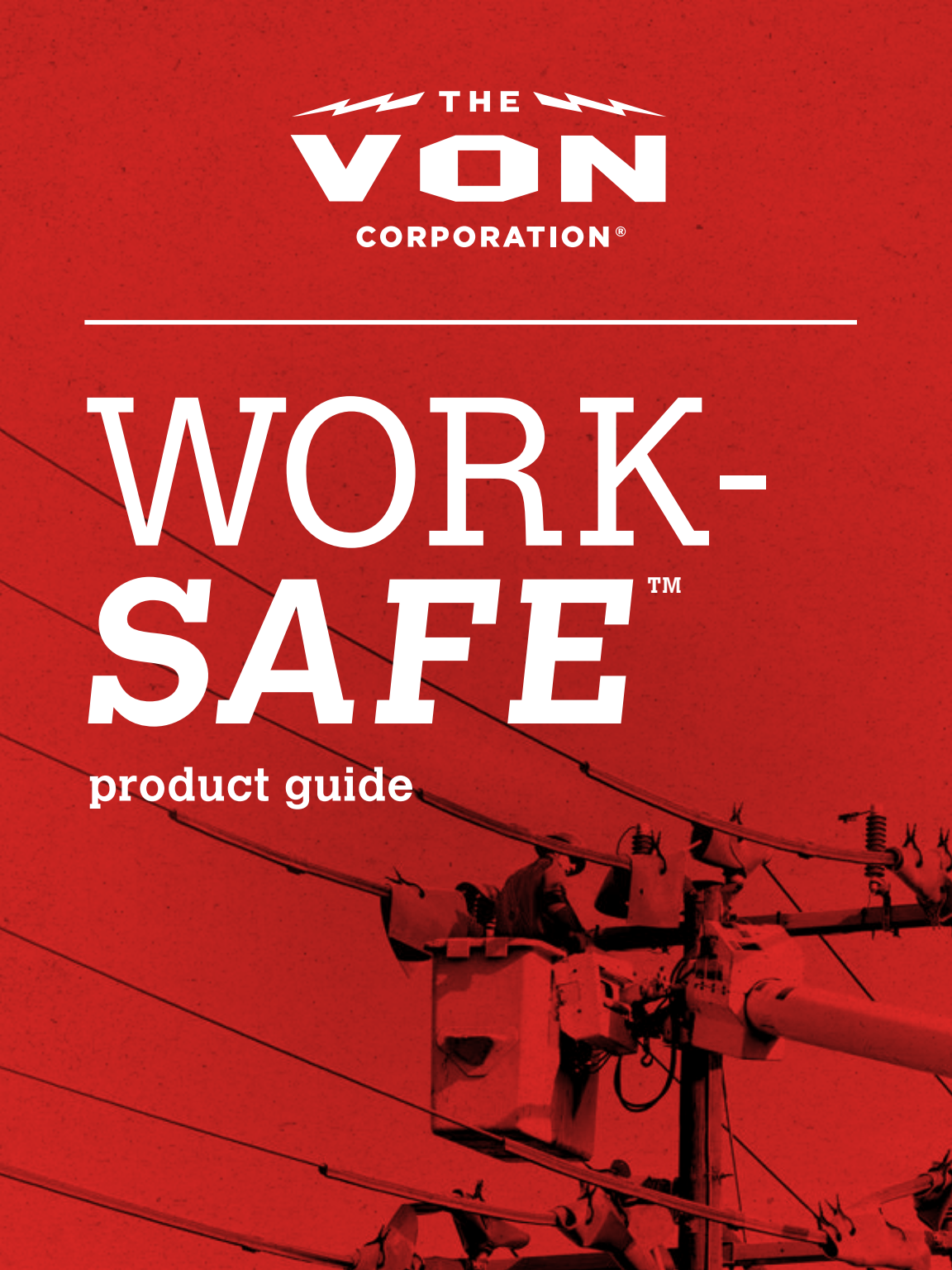




# WORK- SAFE™

product guide



WORKSAFE  
WORKSAFE  
WORKSAFE

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### Our commitment

to helping hardworking utility folks do their jobs has led quite naturally to the manufacture of testing equipment. Helping them be safe in one of the most dangerous endeavors you can undertake is what our glove and sleeve, live line tool, blanket, basket, hose and hood testers are all about. This is what we mean by WorkSAFE™.

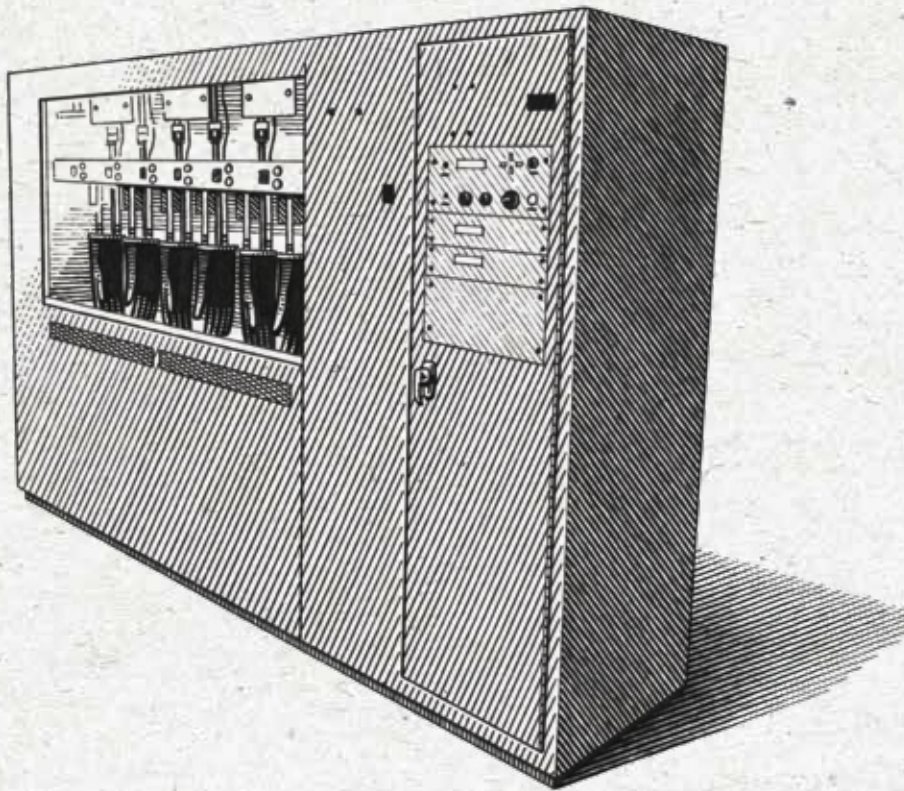
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WORKSAFE  
WORKSAFE  
WORKSAFE

- PPE** Personal Protective Equipment
- PHV** Portable High Voltage Testing
- BCM** Boom Current Monitors



**WITH GREAT POWER  
comes GREAT  
RESPONSIBILITY.**



## LSY,MSY,NSY Series

Combination Glove-Sleeve-  
Blanket-Line Hose  
Testing Equipment

### Benefits:

All machine adjustments are controlled via the menu.

Digital microprocessor controls and metering.

Menu based test selection.

Automatic testing of lineman's gloves, sleeves, blankets, line hose, hoods or line jumpers up to 50,000V AC(L), 100,000V DC(M) or both(N).

Allows testing to ASTM D120, F496 and IEC 60903 standards.

### Description:

The LSY, MSY and NSY Series is The VON Corporation's fully automated, microprocessor controlled test lab in a box. Units allow testing of gloves, sleeves, blankets, line hose, hoods and even line jumpers. All standard rubber goods can be tested, even class IV. All machine adjustments are controlled via a menu operated digital microprocessor control system.

Same advantages as the VON L, M, N units with the addition of a compartment to test blankets, line hose and hoods. This combination covers all of the most commonly tested rubber goods.



## L,M,N Series

### Glove and Sleeve Testers

#### Benefits:

All machine adjustments are controlled via the menu.

Digital microprocessor controls and metering.

Menu based test selection.

Automatic testing of lineman's gloves, sleeves or line jumpers up to 50,000V AC(L), 100,000V DC(M) or both(N).

Allows testing to ASTM D120, F496 and IEC 60903 standards.

#### Description:

The L, M and N Series is The VON Corporation's fully automated, microprocessor controlled glove and sleeve tester. Units allow testing of gloves, sleeves, and line jumpers. All standard rubber goods can be tested, even class IV. All machine adjustments are controlled via a menu operated microprocessor control system. With a single selection the test voltage, current limit, depth, water fill level, test time, blower speed, and exhaust fan speed are set. The operator is required to merely load gloves in the special clothespins, lower the test electrode into the glove, and press the start button. Automated water fillers will fill the glove in less than 30 seconds. Tests are timed and an audible alarm sounds failures or test complete, with bright flashing colored lights signaling which position failed, or test complete



## TSM, SP Series

### Blanket Testing Equipment

#### Benefits:

All machine adjustments are controlled via the menu.

Automatic testing rubber blankets.

Up to 40,000V AC, 100,000V DC or both.

Allows Testing to ASTM D1048 and F479 standards.

#### Description:

The TSM Series is The VON Corporation's fully automated blanket test solution. Units allow testing of all standard rubber blankets, even class IV. Tests are timed and an audible alarm sounds failures or test complete, with bright flashing colored lights signaling which position failed or test complete. Four and Eight position models are available.



## TVM Series

Live Line Tool  
(Hot Stick) Testers

### Benefits:

Innovative electrodes automatically wrap stick during loading.

Guarded current metering allows AC testing by leakage current.

Up to 100,000V AC or 100,000V DC per foot.

Allows testing to IEEE 978 and OSHA regulations.

### Description:

The TVM Series is The VON Corporation's fully automated live line tools (hot stick) test solution. Units allow testing of all standard live live tools to meet IEEE 978 and current OSHA regulations. Tests are timed and an audible alarm sounds failures or test complete, with bright flashing colored lights signaling which position failed or test complete.

The guarded current metering feature potentially cuts test time from 5 minutes down to 1 minute.



## TGM022

Semi-Automatic Glove  
and Sleeve Testers

### Benefits:

Semi-automatic testing of lineman's glove and sleeves.

Up to 70,000V DC with built in power supply.

Test voltage and time automatically adjusted allows testing to ASTM D120 and F496 standards.

Built in HV supply.

Best low maintenance system for low volumes of gloves in remote locations.

### Description:

The TGM022 is The VON Corporation's most economical semi-automatic glove and sleeve tester. Units allow testing of gloves and sleeves. All standard rubber goods can be tested, even class IV. Test voltage and test time are set by selecting the type of glove to be tested through a menu based system. Glove and sleeves are loaded and filled with water manually. A TGM024 and TGM026 are available with 4 and 6 glove capacities respectively.

Model #: TGM-022 | TGM-024 | TGM-026



## GM022

### Manual Glove and Sleeve Testers

#### Benefits:

Manual testing of lineman's glove and sleeves.

Up to 100,000V DC with C-1 test set.

Allows testing to ASTM D120 and F496 standards.

Used with External HV DC supply.

Most flexible low maintenance system for low volumes of gloves in remote locations.

#### Description:

The GM022 is The VON Corporation's most economical manual glove and sleeve tester. Units allow testing of gloves and sleeves. All machine adjustments are controlled manually, allowing maximum flexibility for low volume applications. A GM024 and GM026 are available with 4 and 6 glove capacities respectively. The GM022 will manually test one or two lineman's gloves or sleeves.

Model #: GM-022 | GM-024 | GM-026

# ALSO AVAILABLE...



## TWM, WM Series

### Basket Liner Testing Equipment

Automatic testing of aerial bucket / basket liners.



## TYM, YP Series

### Line Hose and Hood Testing Equipment

Automatic testing of line hose and hoods.



# TAKE CHARGE!



## C Series DC Hipots Aerial Lift Testing

### Benefits:

Dielectric testing to ANSI A92.2 standard.

Only testers that allow use of the simplified setup eliminating the requirement for an insulated platform under the truck.

Lightest weight testers available.

Improved sensitivity of test over AC testers.

### Description:

The VON Corporation manufactures a complete line of Aerial Lift Test Sets. The model C-1 is the most popular unit for distribution class trucks (Category C and Category A&B to 69kV).

Its 100kV output allows for testing of all Category C trucks and the largest bucket

liners. The use of DC allows testing of even the largest bucket liners without purchasing extra-large and heavy testers required of AC testers.

All VON testers are rated for continuous duty at full power, allowing continuous operation without concern for damaging the tester, unlike many competitive units.



## B-.35, B-.45

### HI-MEG DC Dielectric Testers and Insulation Hipots

#### Benefits:

- Designed for rugged operation.
- 35kV & 45kV megohmmeter.
- DC Hipot to 45kV.
- Most reliable 35 and 45kV testers available.
- Contains high reliability VON voltage doubler circuit with silicon rectifiers.

#### Description:

The VON B-.35 and B-.45 can be used for most industrial and substation testing including insulation resistance, dielectric absorption, DC Hipot, and polarization index tests. Units can be operated off of 120V AC or 12V DC with the optional inverter and a light, easily portable design makes no job site too remote.

The VON B-.35 and B-.45 contains an instantaneous input circuit breaker, a variable autotransformer for continuous voltage adjustment and much more. Megohm scales on the output meter allow direct resistance reading from 100,000 ohms to 300,000 megohms.



## XV Series of VLF Test Equipment

#### Benefits:

- Acceptance / proof testing made easy!
- Easiest operation of any available equipment.
- Meets worldwide cable test standards.
- Sinusoidal output.
- Multiple frequency selection for extra-long cables.
- Cable leakage measurement.
- Easily portable, or permanently mounted in a vehicle.

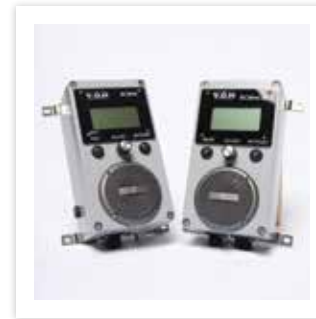
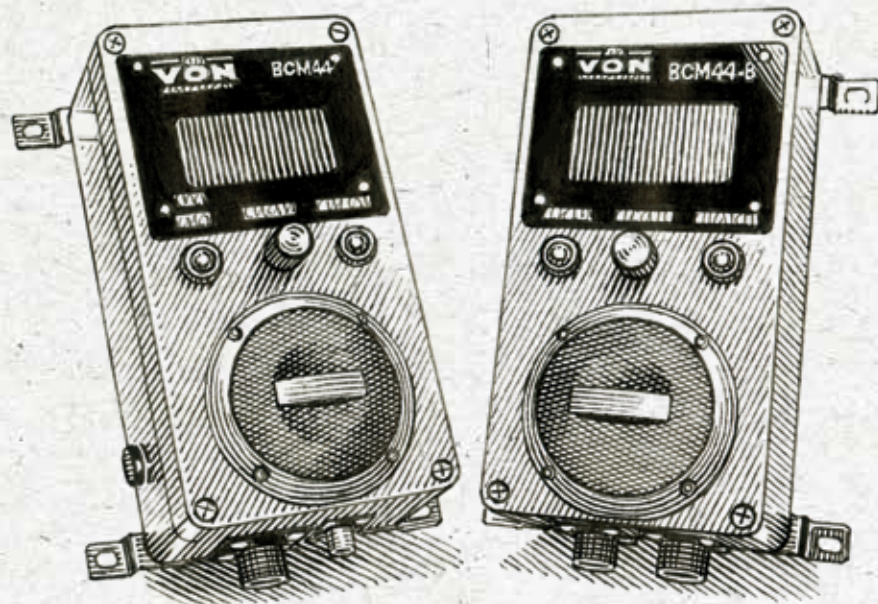
#### Description:

The XV Series of VLF test equipment is the latest addition to the VON family of high voltage test equipment, known worldwide as the most reliable high voltage test equipment available. Our advanced design provides you with a rugged, easy to use system that is easily portable to your test site. Digital menu-based controls and an onscreen instruction system make the system easy to operate.

Model# XV30-1 | XV45-1.5 | XV62-1



# WORK BARE-HAND WITHOUT EXPOSING YOURSELF.



## BCM-44 / BCM-44B

### Benefits:

Bare-hand, live-line work safety.

Extremely rugged and dependable design.

Designed for operation in a variety of weather conditions.

Automatic Safety Check for shorted or mis-wired test cables.

Low Range: 0-99 microamps A.C. or D.C. with 0.1 $\mu$ A resolution.  
High Range: 0-500 microamps A.C. or D.C. with 1 $\mu$ A resolution.

### Description:

BCM-44 is a state of the art current monitor designed for continuous operation during bare-hand work. The BCM has an adjustable set point between 1 and 500 microamperes AC or DC. A 90-dB horn sounds an audible warning if this current set point is ever exceeded during use.

### Additional Features of the BCM 44B:

1. Metering of test circuit for boom metering bands
2. Metering of test circuit for hoses
3. Metering of test circuit for leveling rods or fiber optics
4. Total test including the sum of all three circuits
5. Band mis-wiring detection during power-up test

# LONG LIVE THE VON!

As long as there has been electricity, there's been a need for the ones who tame it. Called upon when times are worst, they saddle up their trucks to turn the lights back on. We are Von, and these are the people for whom we work. Their fearlessness is informed by the confidence they have in their ability, and in the equipment they depend on. Our mission is to make sure that the equipment Von builds for them never lets them down.

Work notes:

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POWERED BY



THE USA SINCE 1958

[voncorp.com](http://voncorp.com)