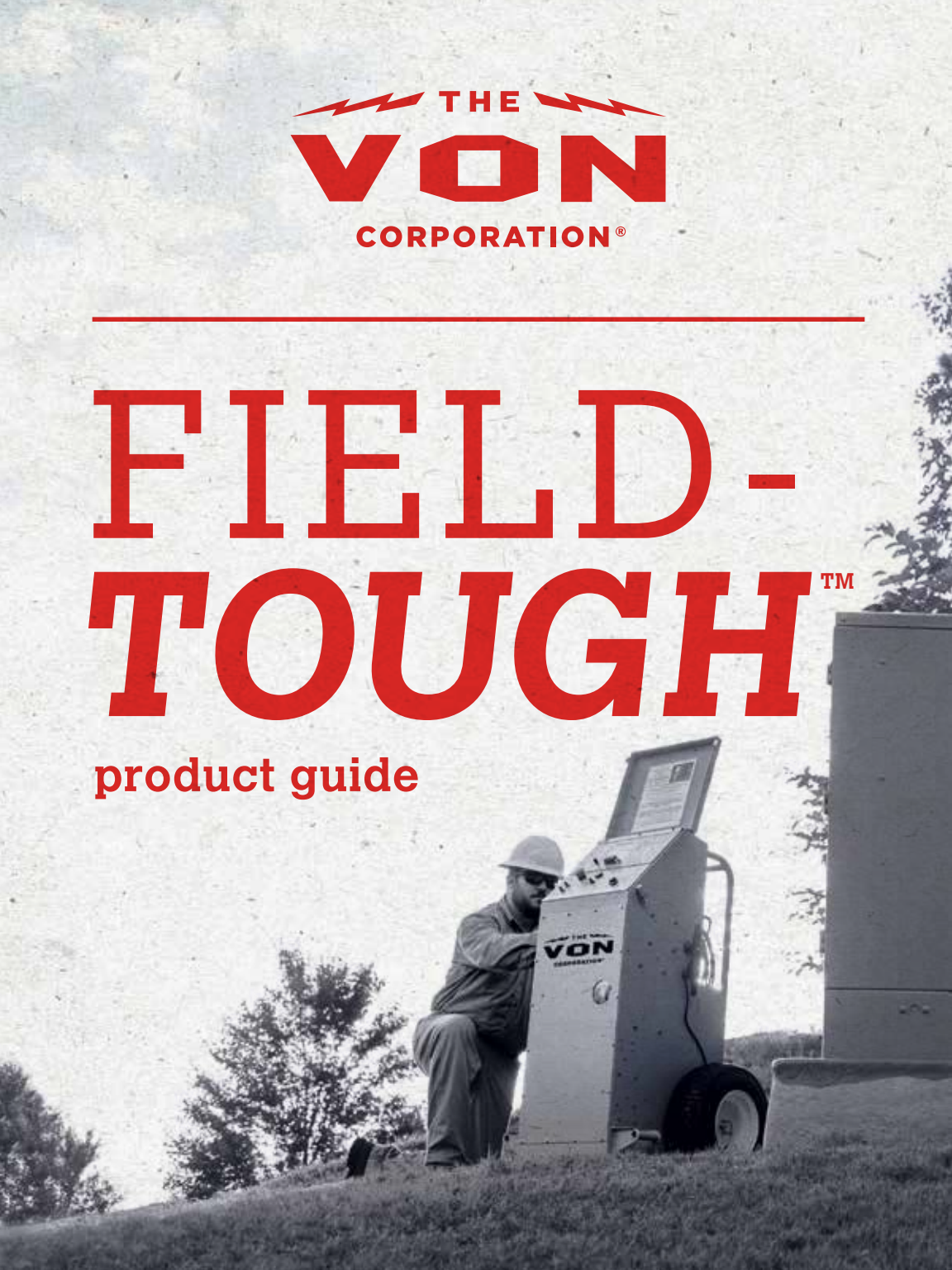


THE
VON
CORPORATION®

FIELD- TOUGH™

product guide



It's hard to
FIND FAULT *in our*
FAULT-LOCATING UNITS.



SST15-832

Fault Locator /
Compact Sectionalizer

Benefits:

- Most compact VON cable fault locator.
- Full function radar standard.
- Simple two-step operation.
- High energy for reliable operation.
- Highest voltage and loudest thump of comparably sized units.

Description:

The SST15-832 is the most compact VON cable fault locator. The full function radar combined within the thumper allows for all weather operations. This VON unit offers the highest voltage and loudest thump of comparably sized units available in the market. This compact sectionalizer automatically marks end of cable, transformer locations, fault locations and gives distance. The backlight display is clearly visible in direct sunlight.



XF Series Portable Arc Reflection System

Portable Combination TDR
Thumper Hipot Sectionalizer

Benefits:

Features the fastest automatic TDR technology.

Easy 3-step operation.

Highest joule ratings in the industry. (of portable equipment)

Dual thump capacitors (1280/1563/1960/3126J).

Operates from internal battery, 120/240 V AC,
or external 12 V DC.

Built-in battery charger.

Description:

The VON XF Series is a portable combination TDR, thumper hipot sectionalizer available with monochrome or color displays. It offers the highest joule ratings for portable equipment in the industry, provides durable all weather operations and comes equipped with wide wheels for ease, mobility and stability.

Model #: XF16-1280v.2 | XF25-1563v.2 | XF28-1960v.4
XF25-3126v.4 | XF28-3920v.4

All available in monochrome or color



XF TP Series

Vehicle Mounted Arc
Reflection System

Benefits:

Now the most energy for those hard to find faults!

Features the fastest automatic TDR technology.

Up to 7614 joules, one of the highest constant
energy joule ratings in the industry.

Easy 3-step operation.

Wet and cold weather operation.

Dual & tri thump capacitors up to 7614 joules.

Description:

The XF TP series consists of a thumper, a digital memory radar, an arc reflection method coupler (filter) in a two-piece truck mountable configuration with a 125' or 200' cable reel system. All controls for the unit are on the integrated radar control unit requiring no access to the thumper/filter for operation. The control unit can be mounted in the cab or a tool bin of a truck. The watertight all aluminum thumper/filter unit is designed to be mountable in the bed of a truck or a tool bin. The unit can operate from 120 V AC or 12 V DC (optional).

Model #: XF16-1280v.2TP | XF16-2560v.4TP | XF25-1563v.2TP
XF25-3126v.4TP | XF28-1960v.4TP | XF28-3920v.4TP
XF32-5120v.4TP | XF36-6480v.4TP | XF36-7614v.4TP

Available in monochrome or color



BI-.35S1

Impulse Fault Locator (Thumper)
& HI-MEG D.C. Tester

Benefits:

Two-man portable unit.

Rugged durability.

30KV capacitive discharge cable fault locator.

35KV, 6MA D.C. Tester and 35KV megohmmeter.

The fully protected output meter in the high voltage lead indicates true leakage readings.

Description:

VON's BI-.35S1 provides the most universally accepted way to locate underground cable faults. "Thumping" is still the only system that works reliably on shielded cable such as URD type concentric neutral cable. This unit contains a VON continuously adjustable impulse control gap, high reliability VON voltage doubler circuit with silicon rectifiers, separate sockets for testing and fault locating, optional built in inverter with 15 ft. battery leads that permit operation from a 12 volt truck battery, and much more.



SAIDISAVER

Compact Sectionalizer

Benefits:

Most compact VON sectionalizer yet.

Full function radar standard.

Simple two-step operation.

High energy for reliable operation.

All weather operation.

Description:

The VON SAIDISAVER is a compact sectionalizer. Its simple 2-step operation makes this URD loop sectionalizer one of the easiest to use and most durable in the industry. This SAIDISAVER automatically marks end of cable, transformer locations, fault locations and gives distance. The backlit LCD display is easily visible in bright sunlight.

Model: #EZRS15-1265



Thumpphone III

DSP Acoustic Detector

Benefits:

Find quiet faults faster!

Latest DSP technology.

Simple single pickup operation - Dual pickup optional.

Included magnetic detector lets operator know when to listen.

Four digital filter settings.

We now have added noise filters.

Description:

The Thumpphone III is a solid state amplified listening device using the latest Digital Signal Processing (DSP) Technology. It is designed to be used in conjunction with capacitive discharge impulse fault locators (thumpers) to help in precisely locating underground cable faults.



MI-88

Magnetic Impulse Indicator

Benefits:

Know when to listen.

Gives visual indication of the magnetics caused by a thump occurring, which allows your brain to filter out sounds that aren't the thump.

Rugged ABS plastic case.

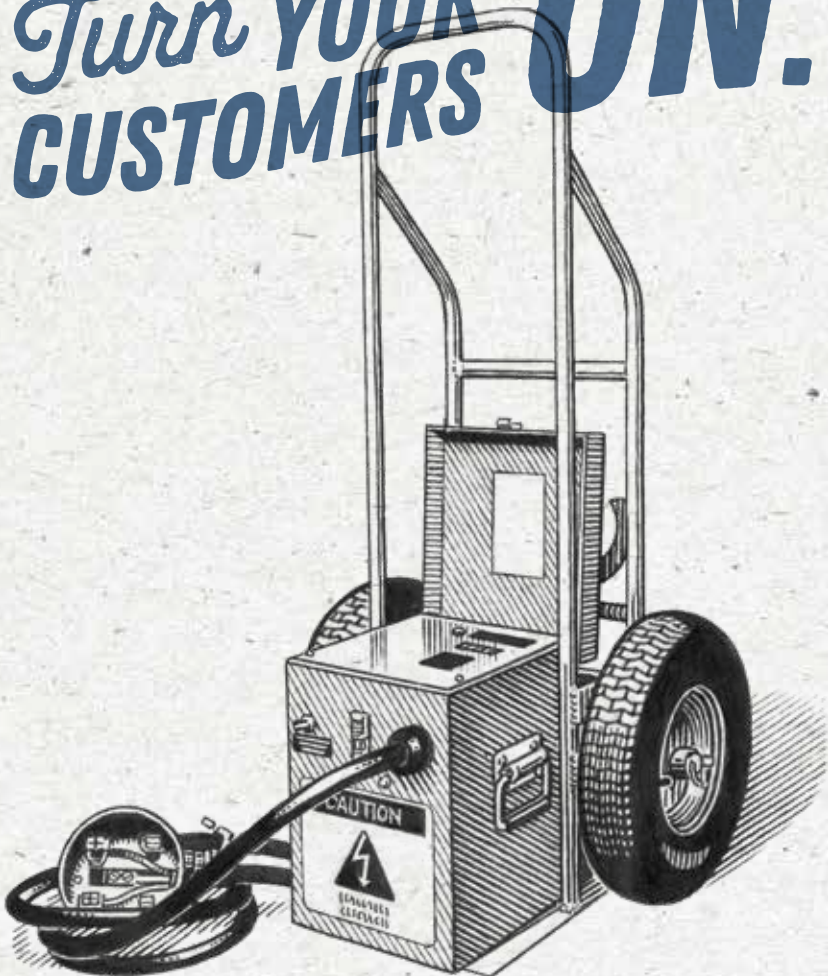
High intensity L.E.D easily visible in sunlight.

Powered by two standard AA alkaline batteries.

Description:

The MI-88 magnetic impulse indicator is designed to be hand-held as the user walks along the cable route listening for the "thump" at the fault. When the magnetic field surrounding the cable during an electrical impulse is sensed, it lights its high intensity L.E.D., telling the user three things. First, that the impulser or "thumper" is working; second, that the user is within a few feet of the cable route; and third, precisely when the thump occurs so that the user can be listening more carefully at that instant.

Turn YOUR CUSTOMERS ON.



Servisavor®

Series of Temporary Power Restoration Devices

Benefits:

Get your customers' electricity back on in minutes, not days.

Rugged and durable.

Eliminate hassle and liability of temporary above ground cabling.

Find secondary faults on YOUR time, not the cable's time.

Description:

The Servisavor® is a highly mobile unit designed to temporarily restore power to customers who have a single faulted conductor. By connecting the Servisavor® between the customers' meter socket and our meter, power can be restored without immediately locating and repairing the cable fault or running temporary above ground conductors.

Model # 15, 15M, 15E, 20, 20M, 20E, 25, 25M, 25E



Servisavor®

Metered & Lightweight Temporary Power Restoration Device

Benefits:

- The original Servisavor®, now available in a lighter weight version.
- Get your customers' electricity back on in minutes, not days.
- Eliminate hassle and liability of temporary above ground cabling.
- Find secondary faults on YOUR time, not the cable's time.

Description:

The Servisavor® is a highly mobile unit designed to temporarily restore power to customers who have a single faulted conductor. By connecting the Servisavor® between the customers' meter socket and his meter, power can be restored without immediately locating and repairing the cable fault or running temporary above ground conductors

Model #SS20M-LW-NC (no cart) or SS20M-LW



Service Sentry®

Ground Fault Protector

Benefits:

- Whole house ground fault protection.
- Mounts between the customers' meter and meter base.
- Can also be used with temporary service restoration devices such as the Servisavor®.
- Lightweight. Unit weight – 2.9 lbs (1.3kG), 4.7 lbs (2.1kG) with case.

Description:

The Service Sentry® is designed to temporarily protect an entire house from ground fault damage related to a faulted utility service cable.

The Service Sentry® utilizes a current sensor around the service entry conduit to measure the current flowing through the utility wires and detect any current flowing back to the system through an unintentional ground path. When ground fault current is detected, the built-in 200A contactor automatically interrupts the customers' service, preventing potential damage due to stray return currents.

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



Sphere Gap Voltmeter

HI-MEG DC Dielectric Testers
and Insulation Hipots

Benefits:

Achieves the maximum attainable accuracy in over-voltage protection.

May be used to 115kv for over-voltage protection.

Description:

The 6.25 cm sphere gaps are unequalled for achieving accurate over voltage protection for test specimens. The gap is always connected to the guard circuit of a VON tester so it does not affect the leakage reading of the test specimen. The gap is set to spill over just at the maximum voltage (usually 3 to 15kv above the highest test voltage). When this maximum voltage is reached, the gap will spill over with a relatively soft arc that will not subject the specimen to damaging pulses. The arc serves to warn the test operator of his error by tripping the test set out or by draining off current from the system faster than the test set can supply it. This reduces the voltage on the specimen. After such a spill over, the voltage must be reduced to the deionizing voltage of the gap before the test can resume.

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.

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Field notes:

POWERED BY



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