

Pro400 TDR/Toner Cable Fault Locator

- Lowest Cost Full Specification Professional Graphical TDR
- Rugged hand held design weighs less than 12 oz.
- 5 Measurement Ranges up to 6500 ft.
- 50, 75 & 100 ohms Selectable Cable Impedance
- Built in Tone Generator for Wire Tracing and Identification
- Water and Dust Proof to IP54
- Backlit display screen
- Carrying case and test leads

Weight: 12 oz.
 Batteries: 6v 4 x AA cells
 Ranges @ Vp=70%: 7, 15, 30, 60, 120, 250, 500m, 1km, 2km, 23, 49, 98, 197, 394, 820, 1640, 3280, 6560 ft.
 Range Selection: Manual range control
 Resolution: Approximately 1% of range
 Sensitivity: Min. 3 pixel return at 5,700 ft.

The Pro400 is a professional Time Domain Reflectometer and Toner designed to detect and locate faults on copper cables up to a distance of 6500 ft. Advanced signal processing techniques enable the Pro400 to find opens, short circuits, splices, taps, water ingress and other more elusive impedance mismatches. A built in tone generator also provides a tone for wire tracing and identification. Selectable cable impedance matching, along with variable velocity factor, enable the Pro400 to be used to test all communication cables, including twisted pair and coaxial, with graphical results and fault distances displayed on a dot matrix LCD. The TDR/Toner is housed in a tough, ruggedized ABS plastic case, water and dust proof to IP54, and supplied complete with test leads



Pro93 True RMS AC Leakage Clamp Multimeter

- Uses True RMS Technology
- Measures milliamp current
- Also measures VAC, VDC, ohms and Hz
- Ranges down to 50 microamps
- Autoranging
- Backlit Screen
- CAT III Rated
- Batteries and Case Included

Weight: 1 lb.
 Current: 50 microamp to 100 A
 Voltage: 600 VAC or VDC
 Resistance: 1K ohms

Anyone maintaining a 2-wire irrigation system absolutely needs to have a Pro93 milliamp clamp meter. By utilizing the Pro93's sensitive AC clamp, a technician can diagnose where electrical faults are occurring in the system. The Pro93 measures AC milliamp current leakage to a resolution of 50 microamps simply by using the integrated clamp over the cable in question. In addition, VAC, VDC, ohms, and Hz measurements are available. The Pro93 utilizes a built-in auto ranging function for easy use, and True RMS insures accurate measurements. Included with the Pro93 are 2 AAA batteries, black and red leads, and a soft shell carrying case. The Pro93 makes diagnosing cable faults in 2-Wire systems simple and easy to perform.



Pro91 True RMS Automatic Clamp Multimeter

- One-button Automatic Operation
- True RMS Voltage and Current Reading
- Auto-Sensing, Auto-Ranging
- Battery Level Indicator
- Rugged Design
- Auto Backlit Digital Screen
- CAT III Rated
- Battery and Case Included

Weight: 1 lb.
 Current: AC or DC current from 0.6 to 600 amperes
 Voltage: To 750 VAC and 1000 VDC
 Resistance: To 10K ohms

The Pro91 True RMS Automatic Clamp Multi-meter is a rugged and well-featured electrical meter tailored to the needs of landscape lighting professionals. Its True RMS technology makes it well suited to use in modern lighting systems where the power on the wires is more variable than older types. The Pro91's one-button automatic control means there is no dial adjustment to select AC or DC voltage, current or resistance, just connect the leads.



Pro90 Automatic Clamp Multimeter

- One-button Automatic Operation
- Auto-Sensing, Auto-Ranging
- Battery Level Indicator
- Auto Backlit Digital Screen
- Solid Design
- Auto Shutoff
- CAT III Rated
- Battery and Case Included

Weight: 1 lb.
 Current: 0.6 to 600 Amps AC
 Voltage: To 1000 VDC
 Resistance: To 2K ohms

The Pro90 Automatic Multimeter is one of the most advanced clamp multimeters on the market. Completely automatic, the Pro90 has only one button for on/off operation. With AutoSensing, the Pro90 automatically detects and displays AC, DC, or ohms without selection by the operator. The Pro90's autoranging means no selection of measurement ranges is needed either. The integral amperage clamp measures AC amps down to .9 amps by simply clamping to an active cable. The Pro90 is simply the easiest multimeter to use.



Pro30 Digital Multimeter

- Simple Operation
- Case included
- Measures AC, DC, Resistance and amps
- Convenient lead holder included

Weight: .3 lbs
 Current: 200 mA DC
 Voltage: 500 VAC / 500 VDC
 Resistance: 2 Megohm

The Pro30 Digital Multimeter is perfect for sprinkler troubleshooting applications. The Pro30 has the basic functionality needed to diagnose field wiring, solenoid and clock problems. Checking wires for loop resistance or opens is simple as is proper voltage supply to and from the clock.



Pro220K Tone and Filter Probe Kit

- AC Noise Rejection Filter Probe
- LED Probe Headlight
- AA Battery Power
- Volume Control
- Headset Jack
- Continuity Test

Weight: Less than 1 lb.
 Output Frequency: 1 kHz Analog
 Receiver Modes: Broadband or AC Rejection

The Pro220K Advanced Tone and Filter Probe kit is designed to identify the termination point of a wire or cable. The Pro110 Tone Generator transmits a 1kHz analog tracing tone, while the Pro210F probe uses either broadband or AC rejection modes to identify the desired cable at the opposite end. Upgraded features include headset jack for noisy areas, LED headlight for poorly lit environments, AA batteries for extra long life of over 250+ hours of use. Other features include low battery light, continuity check, and volume control.



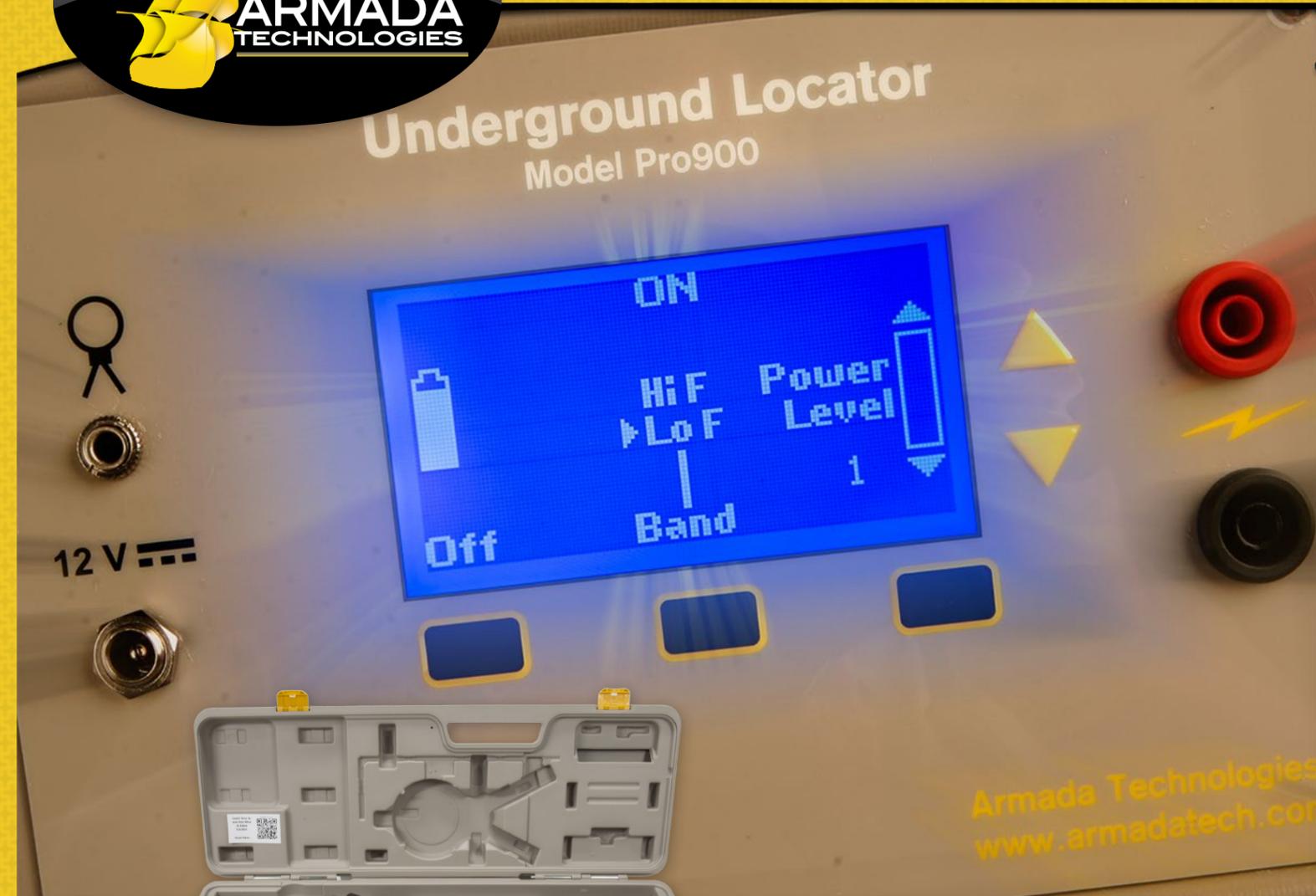
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NEW DIGITAL CONTROLS AND DISPLAYS ON THE PRO900

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New!
Advanced Features
with Digital Controls
and Display!

Pro900 Advanced Underground Locator

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| <ul style="list-style-type: none"> Tracks Irrigation Wires, Finds Lost Valves, and Detects Major Damage to Cables Tracks Outdoor Lighting Wires, Cable and Telephone Lines, and AC Power Lines Three Modes of Connection: Direct Connect, Inductive Clamp, and Inductive Antenna Adjustable Power Levels Dual Frequencies in Direct Connect Mode Our Highest Powered Transmitter Ever | <ul style="list-style-type: none"> Advanced AC Noise Rejection for Faster and More Accurate Tracking Two Listening Options: External Speaker or Headset Null or Peak Reception Modes Backlit Digital Display Sealed Membrane Switch Technology Includes Transmitter, Receiver, Inductive Clamp, Ground Stake, Leads, and Transformer | <p>Tracking Range Depth: 8 feet</p> <p>Distance: 5,000 feet with direct connection</p> <p>Distance: Unlimited with broadcast mode and leapfrogging</p> <p>Tracking Signals: Frequency One: 2 kHz direct connect
Frequency Two: 33 kHz direct connect
Frequency Three: 175 kHz via clamp or internal broadcast antenna</p> <p>Signal Output: 900 V peak with no load / 1 W maximum</p> <p>Power Source: Transmitter: External AC or Eight (8) 'D' Cells
Receiver: One (1) 9 V (6LR61)</p> |
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The Pro900 Advanced Underground Locator offers an array of new features that make it useful in many different fields. These features include three connection methods, digital displays, and the ability to power the transmitter through an AC outlet or with batteries. The traditional direct connection mode offers two frequency options, allowing the user to adapt to different wire depths and distances. Connecting via the inductive clamp is simple and safe, and the user doesn't have to deactivate a system in order to trace the wire. The broadcast mode applies a tracking signal wirelessly, allowing the user to quickly locate wires and cables. The Pro900 has Bluetooth or wired headset capabilities. In addition, the Pro900 has improved range, better AC noise rejection, and intuitive controls. The Pro900 is truly our most advanced and most versatile locator.

Pro800D Hi-Power Wire and Valve Locator

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| <ul style="list-style-type: none"> Broadcast Non-Connected Locating Mode Improved AC Noise Rejection High Power Output Low Battery Indicator LED Null or Peak Reception Custom Molded Case Headset and Ground Stake Included | <p>Weight: Transmitter 5 lbs. / Wand 3 lbs.</p> <p>Power Output: 900v P-P / 6 variable settings</p> <p>Batteries: 8 "D" Cell for Transmitter
1 9v NEDA 1604 for Wand</p> <p>Transmitter Frequency: 2 kHz and 175 kHz in Broadcast Mode.</p> <p>Voltage Protection: 110 VAC / 200 VDC</p> |
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The Pro800D will accurately track irrigation wires, find missing valves, and detect major damage to vulnerable underground cables. It offers all of the features you would expect from a premium wire and valve locator: adjustable transmitter power for optimal performance, a long, lightweight receiving wand for easy tracking, and a rugged custom case. Additionally, the Pro800D has enhanced AC noise and interference rejection, high power output, and an inductive mode which puts a tracing tone on a cable without physically connecting to the target cable. By using this mode, it is unnecessary to disconnect target cables. Finally, the receiving wand incorporates membrane switch controls, the option of peak or null reception, and both an external speaker and headset jack. Truly, the Pro800D is one of the premium wire and valve locators on the market today.

Pro700 Wire and Valve Locator

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| <ul style="list-style-type: none"> Locates Wires, Valves, and Breaks AC Noise Elimination Circuit Extra Long 27 inch Wand Detachable Connecting Cordset External Speaker or Headset Reception Large Analog Strength Meter on Transmitter and Receiver User Selectable Power Output and Reception Levels | <p>Weight: Transmitter 5 lbs. / Wand 3 lbs.</p> <p>Power Output: 750v P-P / 5 variable settings</p> <p>Output Frequency: 2 kHz</p> <p>Batteries: 8 "D" Cell for Transmitter
1 9v NEDA 1604 for Wand</p> <p>Kit Includes: Headset, Ground Stake</p> |
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The Pro700 Wire and Valve Locator incorporates a powerful transmitter and sensitive receiver to track irrigation wires, find missing valves, and detect serious damage to vulnerable underground cabling. The Pro700 transmits an easy to follow tracing signal that is tracked by the extra-long receiver. The Pro700 builds on the success of the original Pro600 model. In addition, the Pro700 adds advanced electronic circuitry to minimize 50/60 Hz AC noise. This provides a clearer, cleaner sound. The Pro700 also has enlarged analog meters for easy viewing of power levels, and a simple battery check button to test the condition of batteries in the transmitter and receiver.

Pro300 Residential Wire and Valve Locator

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| <ul style="list-style-type: none"> Locates Wires and Valves Ground Circuit Strength LED Detachable Swinging Antenna Receiver Volume Control Uses Standard 2 kHz Null Tracking Signal Ground Stake Included Transmitter Automatic Off Switch Range - 600 ft., Depth - up to 4 ft. | <p>Weight: Transmitter 3 lbs. / Wand 1 lb.</p> <p>Power Output: 350v P-P</p> <p>Output Frequency: 2 kHz</p> <p>Batteries: 8 "C" Cell for Transmitter
1 9v NEDA 1604 for Wand</p> |
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The Pro300 Residential Wire and Valve Locator is a value packed tool for contractors working with shorter wiring like residential sprinklers or invisible fences. The Pro300 consists of a transmitter and receiver combination just like its big brother, the Pro700, but uses a smaller power output to match smaller jobs. The 2 kHz frequency, null tracking, signal, and setup are exactly the same as the Pro700. Designed to keep within budget, the pricing is small as well.

Pro871/Pro871C Underground Cable Locator

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| <ul style="list-style-type: none"> Locates Buried Wires and Cables Dual Frequency Capability (Hi/Lo) Inductive Clamp Included with Pro871C Audible (Speaker or Headset) or Visual Reception Indicators Low Battery Power Indicator Membrane receiver control panel Null or Peak Reception Options with Volume Control Custom Molded Case Range - 4000 ft., Depth - up to 8 ft. | <p>Weight: 8 lbs.</p> <p>Power Requirements: Transmitter - (8) D batteries;
Receiver - (1) 9V battery</p> <p>Transmitter Frequency: 2 kHz, 33 kHz, and 175 kHz</p> <p>Passive Detection Mode: 50/60 Hz</p> <p>Transmitter Power: 200 mW into 1 Kohm</p> <p>Voltage Protection: 110VAC/200VDC</p> <p>Kit Includes: Headset, Ground Stake</p> |
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The Pro871C Underground Cable Locator is the perfect choice for general cable locating and tracing. No other locator has this many features at this price. The Pro871C uses the traditional high and low frequencies to direct connect to a cable. Additionally, however, the Pro871C uses an inductive antenna mode and an inductive clamp mode to allow tracing without the bother of actually connecting to the cable. Finally, the Pro871C wand is equipped with a passive 50/60Hz detection capability to track live electrical service without having to connect to that service. It even offers the choice to track the cables using the null or peak methods. The Pro871C saves tremendous time and energy for anyone trying to locate cables. With 5 different methods to use, common wires like electrical, lighting, dog fence, cable TV, etc., are easily located and marked. There has never been a better value in cable locating.

Pro48 Multi-Function Irrigation Tester / Pro48K Tester Kit

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| <p>The Pro48K Multi-Function Irrigation Tester Kit includes:</p> <ul style="list-style-type: none"> The Pro48 Multi-Function Irrigation Tester The Pro210F Advanced Tone Probe Pro21 Carrying Case | <p>Pro48 Functions and Features:</p> <ul style="list-style-type: none"> Chatters Solenoids Activates and Holds Solenoids Open Generates 1 kHz Tracing Tone Checks Clock 24v Power Output Tests for Open or Shorted Wiring | <p>Pro210F Functions and Features:</p> <ul style="list-style-type: none"> Amplifies Tone Signal to Identify Wire AC Noise Rejection LED Headlight Volume Control and Headset Jack 250+ Hours of Battery Life | <p>Weight: Pro48: 1 lb. / Pro48K: 2 lb.</p> <p>Power Source: Pro48: (2) 9v Batteries / Pro210F - (4) AA Batteries</p> <p>Power Output: 24 VDC on Activate/Chatter</p> <p>Tone Source: 1 kHz, 8 mw</p> <p>Receiver Modes: Broadband or AC Rejection</p> <p>Power output for chatter mode: Inrush current >200 mA (1000 ft. loop) nominal</p> <p>Power output for holding: Holding current >100 mA</p> |
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The Pro48 performs a series of critical tests to troubleshoot irrigation systems. It can check solenoid performance by using either the activation or chatter modes. The chatter mode is also effective in finding lost or buried solenoids. Irrigation clocks are tested for proper 24v transmission with a simple LED power check. The Pro48 can also perform a basic continuity test to identify open or short wiring. The Pro48K kit includes the Pro48, the Pro210F Advanced Tone Probe, and the Pro21 carrying case. In addition to the functions of the Pro48 by itself, wiring can be verified and tagged with the built-in tone generator. The Pro210F amplifies the toning signal. Made from grommeted, thick plastic, the highly visible Pro48 and Pro210F are designed for rugged use in the field.

GFL3000 Ground Fault Locator

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| <ul style="list-style-type: none"> Locates Buried Ground Faults Dual Power Capability (Hi/Lo) Audible "On" Beeper Battery Power Indicator Custom Molded Case Rechargeable Battery (Includes Battery and Charger) | <p>Weight: Transmitter 8 lbs. / A-Frame 3 lbs.</p> <p>Power Output: 3400 VDC or 2400 VDC</p> <p>Batteries: 12 volt rechargeable Transmitter, 24+ hours
1 9v NEDA 1604 for A-Frame, 200+ Hours</p> <p>Kit Includes: Ground Stake, AC Battery Charger</p> |
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The GFL3000 Ground Fault Locator is a new low cost fault finder for contractors and maintenance personnel. Incorporating dual power output, the GFL3000 pinpoints ground faults where electrical voltage is being lost to ground. The GFL3000 transmits a powerful charge that is tracked by the GFL3000 receiver. By going in the direction of the analog needle kicks on the receiver, the exact spot of the fault can be found. The GFL3000 offers features not previously available at this price point. The GFL3000 has both high and low power capability. This allows the user to select the resistance level of the fault they wish to pursue. The built in power meter displays remaining battery life.

Pro290 Compact Wire Locator

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| <ul style="list-style-type: none"> Locates Underground Wires Finds Broken Wires Ground Circuit Strength LED Detachable Swinging Antenna Receiver Volume Control Ground Stake Included Range - 1100 ft., Depth - up to 4 ft. | <p>Weight: Transmitter 3 lbs. / Receiver 1 lb.</p> <p>Power Output: 12 volt p-p</p> <p>Output Frequency: 33 kHz</p> <p>Batteries: 8 "C" Cell for Transmitter
9 volt NEDA 1604 for Wand</p> <p>Kit Includes: Ground Stake</p> |
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The unique Pro290 Landscape Lighting Wire Locator is a new tool for contractors working with landscape lighting or invisible fences. The Pro290 consists of a transmitter and receiver and uses a limited power output to match sensitive landscape lighting bulbs. The Pro290 uses an easy to track 33kHz frequency, and sets up in less than a minute. Simply connect the Pro290 to the wire to be tracked and to the ground stake in dirt, get a good ground indication, and track the beeps with the hand held receiver.