

Advantage Probe

The Advantage probe is available in two versions – one that reads ProRead AutoDetect and ARB receptacles, the other reads ProRead AutoDetect and Invensys ECR I and ECR II TouchRead.



The Advantage probe is a remote meter reading probe with a cordless communication interface to the handheld. With a single trigger pull, the Advantage probe automatically senses the register type, captures the reading through an inductive coupling, then transmits the reading to the handheld. The Advantage probe is available in two versions – one that reads ProRead and ARB® receptacles; the other reads, ProRead AutoDetect and Invensys

ECR I and ECR II TouchRead®. The probe will buffer up to five readings when reading multiple meters or compound meters allowing the operator to review the readings at any time.

- Easy to use — lightweight and ergonomic
- Built rugged for daily use
- Excellent encoder tester/installation tool

Standard Features

- Single device designed for reading, ProRead AutoDetect, ARB V, and Invensys ECR I and ECR II TouchRead (in optional version)

- Transmits meter readings directly to handheld unit by unlicensed radio frequency
- Capable of buffering up to five meter readings in memory
- Meter readings may be reviewed for possible discrepancies
- Meter readings may be re-transmitted
- Acknowledges completed reads with a short beep and erroneous reads are signaled with a longer beep
- Unit displays meter read along with receptacle identification
- Direction of display determined by direction of pull of trigger
- Powerful rechargeable battery capable of a full day of reading
- Auto sleep mode to save battery power

Warranty

Neptune provides a limited warranty with respect to its Advantage probe for performance, materials and workmanship. Additionally, full hardware maintenance agreements are available.

Key Features

- **Designed for the reading of multiple remote receptacles**
- **Readings transmitted via 914 MHz unlicensed RF signal**
- **Excellent visual reader and testing device**
- **Compatible with DAP handhelds with HR23X0 adapter**
- **Available in probe and wand versions**

Hardware

- Power Supply:
 - Uses 3 Ni-Cad AA rechargeable battery pack
 - Battery is rechargeable with a simple 120V wall charger rated for 4.5v@85mA
 - Battery can be recharged without taking it out of the unit
 - Battery pack easily replaced — Part # 11992-001
- Display:
 - 16 column x 2 lines LCD (Liquid Crystal Display)
 - Auto temperature compensation
 - Display with reversible font
- Keypad:
 - 6 large keys, pillow embossed and waterproof
 - Function keys clearly marked
- Trigger:
 - Operable dual direction triggers, requires only single press
- Reader Head:
 - ARB probe reads 3 or 14 wire receptacles
 - Inductive probe reads ProRead AutoDetect and Invensys ECR I and ECR II (in optional version) using the same reader head
 - Extended wand for pit applications is available

RF Transmitter

- Built-in unlicensed 914 MHz RF transmitter
- Minimum 6 ft. transmission range
- Meets FCC Part 15 and Industry Canada requirements
- Dimensions:
 - V-shape curve with each side being 9" long
 - Handle diameter 1.5"
- Weight:
 - 1.49 lb. (probe version)

Environmental

- Temperature:
 - Operating: -20°C to +50°C
 - Storage: -40°C to +80°C
- Water Resistance:
 - Withstands unlimited spray or splash (such as rain) and immersion in one foot of water for one minute
- Chemical Resistance:
 - Acids, alcohols, glycols, and oils
- Impact:
 - Withstands repeated drops from a height of one metre on concrete
- Electrostatic Discharge:
 - Withstands a 16 Kv discharge without loss of data
- Accessory Equipment:
 - Wall-mounted battery charger (included)
 - Extra battery
 - Hand strap (included)



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