

ADVANTAGE II PROBE

The Advantage II is a flexible meter reading tool that provides the operator the ability to read multiple types of meter registers and transmits this data to a portable handheld meter reading device that will store the data for billing purposes.



The Advantage II is a remote meter reading probe with a wireless communication interface to the handheld. The Advantage II probe automatically detects the register type, captures the meter reading and identification number, and transmits the information to the handheld meter reading device. The Advantage II probe reads ProRead™, E-CODER®, and Sensus ECR® II and ECR III* TouchRead® receptacles. The probe will store up to five readings after reading multiple meter or compound meters. The operator can review the readings at any time. The Advantage II is:

- Lightweight and easy to use
- Ergonomically designed
- Built rugged for daily use

STANDARD FEATURES

- Reads multiple meter register types
- Unit displays the metering read and the meter identification number
- Acknowledges successful reads with a short tone and erroneous reads are signaled with a longer tone
- Orientation of display determined by meter type being read
- Transmits meter readings directly to handheld meter reading device unit by unlicensed radio frequency
- Capable of storing up to five meter readings in memory
- Meter readings can be reviewed and re-transmitted
- Rechargeable battery offers a full day of reading capabilities

**ECR III register is supported when programmed with the same format used in the "6-wheel ECR II register.*

KEY FEATURES

- Designed for reading multiple types of remote receptacles – Neptune ProRead, E-CODER (BASIC), and Sensus ECR II and III*
- Readings are transmitted via 914 MHz unlicensed RF signal to DAP handheld computers with HR2380 or HR2580 RF receivers
- Compatible with Neptune’s N_SIGHT™ host software
- Excellent visual reader and testing device
- Available in probe and wand versions

WARRANTY

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

HARDWARE

- Power Supply
 - Uses 3 Ni-Cad AA rechargeable battery pack
 - Battery is rechargeable with a 120V wall charger rated for 4.5v@85mA
 - Battery can be recharged without removing it from the unit
 - Battery pack is replaceable – Part # 11992-001
 - Equipped with an on/off switch
- Display
 - 16-column x 2-line LCD (Liquid Crystal Display)
 - Auto temperature compensation
 - Display with reversible font
- Keypad
 - 6 large keys, pillow embossed and waterproof
 - Function keys clearly marked
- Trigger
 - Activate inductive coupling probe end
- Reader Head
 - ARB block reads 3-wire receptacles
 - Inductive probe reads ProRead, E-CODER (BASIC), and Sensus ECR II and III* (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. (0.7 kg) (probe version)

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ENVIRONMENTAL

- Temperature
 - Operating: (-4°F to 122°F)
(-20°C to +50°C)
 - Storage: (-40°F to 175°F)
(-40°C to +80°C)
- Water Resistance
 - Withstands unlimited spray or splash (such as rain)
- 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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