



OptoWave
Wireless Optical Probe



Mechanical Specifications

Physical Size	Height: 3.22 inches, Length: 2.40 inches, Width: 3.22 inches
Weight	Complete assembly weighs 8 ounces including batteries
Construction	Impact Enhanced Nylon with ABS Polycarbonate Blend - Gray
Finish	Neoprene (TPE) 45A Grip - Blue
Port	ANSI Type C12.18
Lens	UV Filtering Polycarbonate

Operating Specifications

Optical Input	Compliant with ANSI C12.18 (ANSI Type 2 Optical Port)
Data Output Interface	Bluetooth to PC Adapter using USB as Standard, or PCMCIA, or 9 pin Serial RS232 as options, or most Bluetooth Enabled Device (See List)
Power Requirements	Operates with 2 Standard AA Batteries (Alkaline, NiMH or Lithium) Operating Supply Voltage: 1.1 to 5.5VDC
Data Rate	Optical Rate: Default 9,600 Baud Adjustable From 1,200 to 56,000 Baud Over-The-Air Rate: 723 kbps Standard, 2Mbps Enhanced
Radio Type	Bluetooth Module, Class 2, Ver2.0+EDR (Enhanced Data Rate), Integrated Antenna (2400MHz-2483.5MHz)
Effective Range	5 Meters minimum, 100 meter maximum

Environmental Specifications

Radio Certification	Fully Qualified Class 2, Bluetooth Radio Module With 2.0+EDR, FCC, Industry Canada and CE approvals. FCC ID:QOQWT12
Device Certification	FCC Part 15 pending
Temperature	Operating: -40C to +85C; Storage: -40C to +85C
Ruggedness	Meets or exceeds the requirements for: Thermal Shock, Humidity & Water Resistance, RF Susceptibility, ESD, Drop And Random Vibration, Solar Radiation, Salt Fog, Low Pressure

Compatibility

Bluetooth	Compatible with any Bluetooth 2.0+EDR device. Bluetooth ID: 03005
Operating System	Windows 98, Windows 2000, Windows XP, Windows Vista
Meter Reading Software	Elster (AlphaPlus and MeterCat), GE (MeterMate), Landis + Gyr (LGComm), Itron (PC Pro)
Meter Types	All meters with ANSI Type 2 compatible ports, and many others

Warranty

Standard Warranty	1 year workmanship (see Warranty Guide)
Extended Warranty	1 and 2 year extended plans available.
Service Plans	1, 2, and 3 year no-fault service plans available (see Warranty Guide)

Configurations

Optowave	Includes Optowave Probe
Optowave Quick Kit	Includes Optowave Probe, small case, and set of 4 Lithium batteries
Optowave Deluxe Kit Software	Includes Optowave Probe, medium case, holster, battery cases, and set of 4 Lithium batteries (Also available with Linksys USB Bluetooth adapter)
Optowave Premium Kit	Includes Optowave Probe, medium case, holster, battery cases, and set of 4 NiMH batteries and battery charger (Also available with Linksys USB Bluetooth adapter)

All specifications are believed to be accurate, but are preliminary and subject to change without notice. Patents pending. All information property of Probe-TEC.



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