



COMARK

A Fluke Company

# Comark RF515

## Multi-parameter Wireless Transmitter



Use the RF515 Multi-Parameter Wireless Transmitter in wide ranging applications to automate monitoring of parameters such as pressure, gas, flow, level, dissolved oxygen, CO<sub>2</sub> and many more.

With inputs of current and voltage, the Comark RF515 transmitter can be easily connected to a control loop and programmed to measure an extensive range of parameters.

This product cannot be used without the RF515 Adapter.

As part of an RF500 Wireless Monitoring System, the transmitter caters for applications from manufacturing, food and beverage production, power generation, chemical and gas industries

### Features

- Measure parameters such as pressure, flow, extra high temperatures, gases, light, turbidity, speed, pH and RH
- Suitable for almost any measurement application
- 4-20mA, 0-1V and 0-10V
- Up to 2 channels of multi-parameter monitoring
- Large LCD allows local view of measurement reading plus alarm and RF status
- Up to 1-2 year battery life
- Compact size case with BioCote® antimicrobial surface protection to prevent cross contamination

The Professionals' Choice

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## Multi-parameter Wireless Transmitter

### Specifications



System Accuracy with RF515A at 23°C	0.3% of reading
Resolution @ 0-10V	1mV
Resolution @ 0-1V	0.1mV
Resolution @ 4-20mA	1µA
Operating Temperature Range	-30°C to +70°C / -22°F to 158°F
Storage Temperature Range	-40°C to +85°C / -40°F to 185°F
RF Frequency	2.4GHz using IEEE 802.15.4
Standard Antenna	External, removable, Omni directional with pivot. Length: 90mm from pivot
High-Gain Antenna (Optional)	Length: 235mm from pivot
Radio Range	Typically 50 metres indoors
Clock Accuracy	20ppm (1 minute/month) at 25°C
Logging Memory	32000 records
Logging Frequency	Programmable between 1 minute and 60 minutes
Monitoring Frequency	1 Minute
LEDs	Red - Warning / Green - Active
Case Material	Over Moulded food safe clear Polycarbonate with BioCote® antimicrobial
Environmental Protection	IP67 BS EN 60529
Battery Type	Replaceable Lithium 'C' Cell Saft LSH14 Light
Battery Life	Up to 3 years
Dimensions	L 84mm x W 107mm x D34mm
Weight	270g
Warranty	Two Years
Channels	2 Channels
Measurement Range - Generic Current	4-20mA
Measurement Range - Generic Voltage	0-1V / 0-10V
EMC	ETSI EN 301489-1 v 1.71 (2006-7)

For more details please see [www.comarkinstruments.com](http://www.comarkinstruments.com)

### BioCote®

Selected Comark thermometers, probes and data loggers have BioCote's silver technology incorporated into instrument cases and probe handles at the time of manufacture. The antimicrobial finish inhibits the growth of bacteria, reducing the risk of cross-contamination and infection in the environment. BioCote® has been officially recognised for its benefits within the food industry with HACCP International Certification. HACCP International Certification supports organisations that demonstrate food safety excellence in non-food products that are designed for, or are commonly used in, the food industry. BioCote® is the only antimicrobial solution to be awarded HACCP International Certification.

### Warranty

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty for temperature probes is six months and all other probes are unwarranted because the conditions of use are beyond our control. The Comark Warranty covers manufacturing defects and component failure and applies worldwide. In line with our policy of continuous development, we reserve the right to alter any product specification without notice. Comark has an accredited UKAS (NIST equivalent) calibration laboratory for temperature and humidity measurement and offers full service and recalibration facilities.

Comark Instruments is committed to providing quality and affordable products to the food service industry. Our thermometers and humidity testers bring speed, accuracy and reliability to the transport, testing and storing of food under HACCP guidelines. A large variety of products, well-trained staff, and a commitment to customer satisfaction mean you can come to us for answers to all your temperature measurement needs!



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