

## IRT-S

### Insulation & Continuity Tester

#### Product Features



The Seaward IRT-S is the next generation microprocessor-controlled instrument, intended for execution of low voltage insulation resistance measurements. The choice for professionals, the unit uses the latest technology and offers features not seen before on handheld testers.

- Measurable parameters for insulation resistance, partial earth bond, mains voltage and mains frequency.
- Wide range of test voltages enables measurement of virtually every insulation resistance
- Unique internal memory storing up to 500 test results
- Ability to download to conventional PC for analysis and storing
- Meets the requirements stipulated by EN61557, the new European Standard
- Supplied with all necessary leads

## SPECIFICATION

### VOLTAGE AND FREQUENCY

Measuring

Range V 0-440  
Resolution 1V  
Accuracy  $\pm 2\% + 2$  digits

Measuring

Range Hz 25 - 199.9 Hz  
Resolution 0.1 Hz  
200 - 500 Hz  
Resolution 1 Hz  
Accuracy  $\pm 0.1\% + 1$  digit

### INSULATION RESISTANCE

Test Voltage 100, 250, 500, 1000 VDC

Measuring

Range 0 - 1.999 m(omega)  
Resolution 1K(omega)  
2.00 - 19.99 m(omega)  
Resolution 10K(omega)  
20.0 - 1999.9 m(omega)  
Resolution 100K(omega)  
Accuracy  $\pm 2\% + 2$  digits

### EARTH BOND MEASUREMENT

Measuring

Range 0.20(omega), Resolution 0.01(omega)  
Short Circuit  
Current  $\geq 200$ mA  
Accuracy  $\pm 2\% + 2$  digits

### GENERAL

Dimensions 110x65x290mm  
Display 3 1/2 digit LCD  
Memory 500 memory locations  
Communication RS232 serial 4800 Baud