



## RIGANA MANUFACTURING

### RIGANA DIGITAL TEMPERATURE READER

The Rigana Temperature Reader (RTR) is an intrinsically safe temperature measuring instrument for use in liquids stored in bulk storage tanks.



#### KEY FEATURES

• Intrinsically safe.	• Backlight feature.
• User-Friendly design.	• RS Pro rechargeable battery.
• Lightweight and durable.	• Large memory storage – 1500 tank readings.
• Automatic depth reading.	• Temperature can be measured in centigrade and fahrenheit.
• PC downloadable via USB.	• Depth can be measured in meters and feet.

#### KEY BENEFITS

• Average readings.	• Auto shut off.
• Accurate readings.	• Depth, Temperature, Date, and Time readings.
• Robust design.	• Instant Readings.

#### HAZARDOUS ENVIRONMENTAL APPROVAL

Metrology Approval Portable Electronic Thermometer:

ATEX:

ExiaIIIB T4 Ga

IA Certificate No:

S-XPL/190767 X

ATEX:

(II 1G Ex ia IIB T4 Ga)

ATEX EU Certificate No:

TÜV 23 ATEX 9044 X

United Kingdom  
Branch Details

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# SPECIFICATIONS

Measurement Range:	-40°C to 163°C (-40°F to 325°F)
Ambient Temperature Range:	-10°C to 40°C (14°F to 104°F)
Resolution:	0.1 °C or 0.01°C Selectable
Temperature Scale:	Centigrade or Fahrenheit
Temperature Accuracy:	
-40°C to -30°C	±0.25°C
-30°C to +100°C	±0.1°C
-40°C to +163°C	±0.25°C
Repeatability:	
-40°C to 163°C	±0.1°C
Calibration:	Digital One Point 0°C
Memory:	50 Tanks, each 30 readings
Display:	LCD 2 lines x 4 Characters each
Power:	Rechargeable encapsulated RS PRO 9v battery
Battery Saving:	Auto Shut off
Low Battery Indication:	By percentage of the battery level
Rechargeable Battery Life:	Approx. 50 Hours
Overall Dimension of Reader:	90mm x 166mm x 31mm
Weight of RTR Blue Box:	286 gram
Instrument Protection:	IP 54
RTR Blue Box:	Dedicated Nylon 66 box
Temperature Sensor:	30m PT1000 with Lumberg SV-80-8 Plug
Gross Weight:	± 2.7kgs
Reel:	Nylon 66
Bearings:	Stainless Steel

***The above information is subject to change without notice.***



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