



## 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:	ExiallB 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

Reception Phone:  
01962 600 702

Sales WhatsApp:  
Micayla +44 7562 749036

Email:  
info@riganauk.com

Visit Our Website:  
www.riganauk.com

Address: Unit E, Kingsworthy Foundry, London Road, Kings Worthy, Winchester, SO23 7QN



# 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
<b><i>The above information is subject to change without notice.</i></b>	

