

RTS

Wireless temperature monitoring

Improve patient care, meet MHRA and European regulations and follow international best practice

Improve patient care. Our wireless temperature monitoring and alarm systems make sure medicines, blood and other important clinical products are kept safely at the right temperature 24/7—not too high nor too low, supporting NHS and other healthcare staff as they improve the quality and safety of care for patients. Our systems are suitable for all environments, from sterilisers to -196 C nitrogen tanks.

Invest to save. We can help you safeguard your stock. If something goes wrong with your storage, you will be notified by an alarm siren and beacon at the site, connection to the switchboard, automatic email alert, automatic text message or automated call. Eliminate manual recording and save time and money. You decide what works best for you. Investing in one of these systems now could mean big savings in the future and peace of mind.

Better management information. Full audit trails ensure that the system is always operational and that root cause analysis of alarm triggers can be undertaken. Data is automatically recorded and easy to analyse. We ensure you meet all relevant regulations, including those from the MHRA, CPA, HFEA, HPA, COC and GAMP. And our modular wireless systems are suitable for all sites, whether large or small.

Safe and secure. You can be confident with our systems—our software meets the highest international security standards (U.S. FDA CFR Part 11 and GAMP compliant). You are in complete control of the data, making sure you'll meet your trust's IT security policy.

Value for money. Our systems are the best value you will find on the market. They are designed and manufactured in the UK assuring you of the highest quality and ongoing free support. Our first temperature system was installed over 20 years ago—and it is still going strong!

Proven track record. We have worked in partnership with the NHS for 20 years. Our systems are helping to keep patients safe in trusts and foundation trusts throughout the country. Our products come recommended by clinicians and manag-



RTS Base-Station

Key Benefits

- Reduce product loss and optimise product quality
- Eliminate the need for manual recording and reduce cost
- Reduce refrigeration service costs and down time
- Monitor, analyse and prove quality and safety
- Wireless system means no disruption during installation, maintenance or calibration



Aseptic Manufacturing

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technology working for you

RTS

Wireless Temperature Monitoring

Your solution to meet all MHRA, CPA, HFEA, HTA, FDA & GAMP regulatory requirements



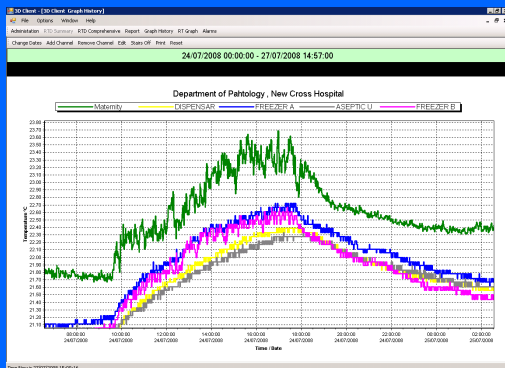
RTS Transmitter

Technical Specification

- 32 /64 Channel Base-Station, expandable to 512
- Sensor type: PT100 Class A 4 wire
- Operating range: -196C to 200C
- Resolution: 0.01C
- Accuracy: 0.3C
- Probe dimension: 30 mm by 3 mm diameter
- Air and Core temperature measurements
- Fridge door monitoring
- Battery powered dual channel transmitters
- Distance between transmitter & Base-Station 250 meters
- Connection to PC: Network/Internet/RS232/USB
- Alarm buzzer and alarm contacts
- Transmitter booster extend range to 500 meters

Software Specification

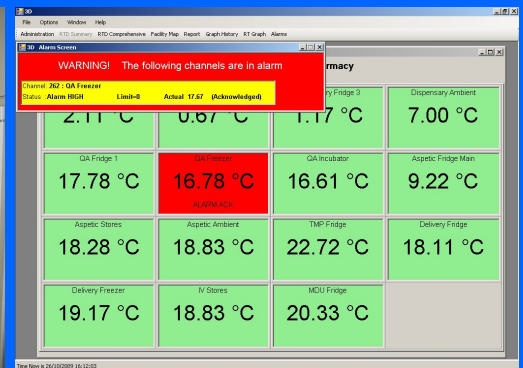
- Windows XP software
- Secure SQL database
- Automatic Daily Excel data files
- Administrator programmable users privileges
- Programmable alarm limits, alarm delay and repeat
- Single and multi-user operation. Web based
- Client / Server software
- Full audit trail
- MKT Calculation
- SMS Alarm text messaging and acknowledgement
- Alarm and Acknowledge PopUp Screens
- Alarm "Cause and Corrective Action"
- Alarms via email, SMS and telephone autodialler
- Report generation of current and archived data
- Automatic daily database backup



Multiple Archived Data Graphs



Pharmacy Fridges & Freezers



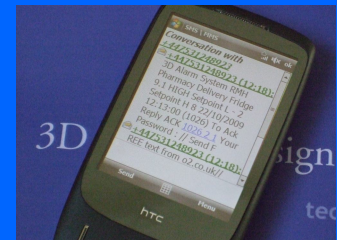
Real Time Temperature Display & Alarm



Blood Fridges and FFP Freezers

Applications

- Fridges & Freezers
- Aseptic Manufacture, Temperature & Pressure
- Cold Stores & Plants
- Clean Rooms
- Blood Frige Core & Air Temperatures
- Incubators & Autoclaves
- Satellite Blood Fridges
- Pharmaceutical Warehousing
- Biotechnology



SMS Text Alarm