

# RFID-enabled resus module cart



The UK Resuscitation Council states that 'a reliable system of equipment checks and replacement must be in place to ensure that equipment and drugs are always available for use in a cardiorespiratory arrest.'

In medical settings, having a well-stocked resus cart available in these situations, can make the difference between live and death.

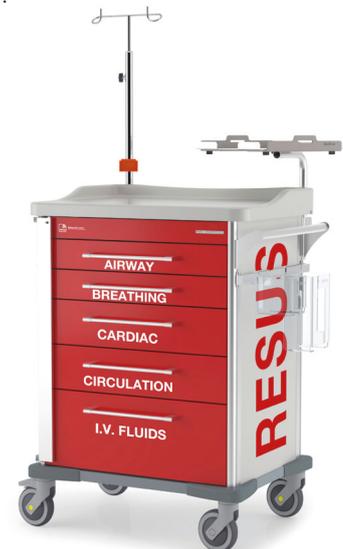
By harnessing the power of RFID technology, our resus module carts, manufactured in partnership with Medstor, empower medical professionals with the tools they need to respond rapidly and effectively in an emergency.

## Key Benefits

- Real-time inventory visibility
- Minimising response times during emergencies
- Automating inventory management eliminates manual checks and saves time for patient care
- Enhancing patient safety

Medstor's resus carts are fully equipped with items required for resuscitation, such as airway management tools, cardiovascular equipment, medications, and other supplies. This enables healthcare professionals to respond swiftly to emergencies, delivering urgent care precisely where and when it's needed, thus minimising response times.

By incorporating RFID technology, the Medstor resus module cart provides real-time, accurate information on its contents to ensure it is always fully stocked and ready for use in an emergency.



RFID enabled resus cart

# How does it work?

## Equipment and supplies

Every piece of medical equipment and all supplies which are added to the resus cart are fitted with passive RFID tags which are registered on a central database.

## Carts with internal RFID readers

Each cart is fitted with a powerful internal RFID reader to ensure that every item contained in the cart is detected. The reader continually monitors the contents to ensure inventory information is up-to-date. Carts feature clearly labelled drawers with relevant equipment and supplies. A wide variety of accessories is available to personalise each cart.

## Real-time inventory and alerts

Inventory information is sent to a central database via Wi-Fi. If any equipment is missing or supplies are short of the required level, an alert is raised via email, SMS or onscreen prompt so staff can rectify the shortage. This reduces the chance of human error and ensures carts are always stocked with essential supplies, ready for immediate use in an emergency. Alerts can also report on batch numbers (for recalls) and expiry dates (for compliance and patient safety).

## Tracking cart locations

As part of a wider RFID tracking solution, cart locations can also be tracked in real-time alongside other critical medical devices, enhancing equipment utilisation and ensuring readiness during emergencies.



RFID enabled sepsis cart, smart cabinet and resus cart

## Inventory management solutions

The resus module cart forms part of our wider range of automated inventory management solutions for healthcare.

Our **smart cabinets** restrict the access to high value assets, such as surgical implants to reduce losses and waste while providing full traceability and automating inventory management.

Our **RFID-enabled sepsis module cart** is the equivalent of the resus cart for sepsis emergencies, containing tools and supplies for the vital 'Sepsis Six' tasks set out by the UK Sepsis Trust.

# Complete Tracking Solutions

We specialise in providing integrated tracking solutions, enabling healthcare providers to access location and other key data through a single system.

Solutions include:

- Asset tracking and GSI asset labelling
- Patient flow & discharge management
- Inventory management
- Automatic temperature monitoring
- Staff and wandering patient safety
- Baby tagging

## Why choose RFID Discovery?

RFID Discovery is a leader in integrated identification and location tracking solutions. Used in over 200 hospitals across the UK, Europe and beyond for over 15 years, RFID Discovery is the number one choice for medical device tracking and other healthcare location solutions using RFID, BLE and other technologies.

We are part of the Paragon ID group, hold the Cyber Essential certification and our system is GSI UK approved. Paragon ID is a RAIN Alliance member and certified to ISO9001, ISO14001, ISO27001 and ISO45001 standards.

