



# PRODUCT RANGE

MEDICAL TEST EQUIPMENT  
FROM



Soon to be **SEAWARD MEDICAL**

# SafeTest 60

Robust medical safety analyser.



## Why buy the SafeTest 60?

- > **Small and compact** – Robust, compact and portable, the **SafeTest 60** makes it easier to perform tests.
- > **Fully compliant** – Tests to a range of international standards including IEC 60601, 62353, 61010 and NFPA-99.
- > **Extremely flexible** – Manual control of fault conditions.
- > **Versatile multi voltage** – operates on any mains supply between 90-264V / 48-64Hz.

The Rigel **SafeTest 60** is a robust, reliable and dedicated medical safety analyser for general electrical safety testing.

It is ideal for testing high volumes of medical and laboratory equipment that does not require patient lead testing, such as beds, hoists, infusion pumps, CPAP's and centrifuges etc.

With a large colour display and a colour-coded user interface, it's easy to select the required tests with a single key press, whilst a fast step-through of the test routine makes the testing process speedy and dependable.

# 288+ and 62353+

Accurate and fast electrical safety testers.



The Rigel **288+** and **62353+** offer an accurate and fast solution for meeting international and local safety standards.

A combined high and low earth bond test current ensures accurate resistance measurements, so that poor mechanical connections can be identified. Automatic warnings of incorrect test setups help to avoid false readings, for example when secondary earth paths are present, providing confidence in results and enabling improved patient safety.

With a choice of up to 10 individual patient leakage circuits, we have the right solution to test any medical equipment, from beds to multi parameter monitors in a single test.

## Why buy the 288+ or 62353+?

- > **Easy to connect** – Direct printing via Bluetooth connectivity (288+ only).
- > **Fully compliant** – Complies with IEC 62353 and leakage tests standards IEC 60601.
- > **Easy data storage** – Increase efficiency with automated data storage.
- > **Forward thinking** – Our unique high current and low earth bond tests give accurate precise readings.
- > **Automated testing** – Save time using automated test procedures.

[www.rigelmedical.com/safetyanalysers](http://www.rigelmedical.com/safetyanalysers)

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# Uni-Sim

The most complete vital signs simulator.



## Why buy the Uni-Sim?

- > **Small and compact** – The Rigel Uni-Sim is small and packed full of features.
- > **Fast and accurate testing** – Multiparameter tests makes testing quicker and more controlled every time.
- > **Basically a human** – Monitors are checked with physiologically correct and synchronised simulations, the closest thing to a real human being.

The Rigel **Uni-Sim** verifies the performance of all vital signs on any type of vital signs monitor, ensuring monitors are providing accurate data for the correct treatment, diagnoses and monitoring of patients.

The Rigel **Uni-Sim** is the world's first all-in-one vital signs simulator combining NiBP, SpO2, ECG, Temperature, IBP and respiration simulation. With all vital signs being synchronised, the **Uni-Sim** provides the closest simulation to a real human being.

The lightweight design of the **Uni-Sim** makes it highly portable and practical for multi-site use whilst the long life battery power reduces down time between tests.

# PatSim200

A cost-effective, easy to use patient simulator.



The new Rigel **PatSim200** was designed to make every patient simulation, quicker. Unlike other patient simulators, the **PatSim200** uses a home and recall function to easily move between tests and store your most used sequences, no more clicking and scrolling through 'tree style' hierarchy to perform each test.

One of the most unique features of the **PatSim200** is the ability to save and recall 5 of your most used simulations at the touch of just 3 buttons.

The unit itself is compact, lightweight and the full colour screen with easily altered high contrast low luminance lighting means adapting the unit for use in low lighting environments is simple.

On top of these great features we've also ensured that the **PatSim200** comes with universal ECG studs and mini DIN connectors so the cost to change your Patient Simulators over to the **PatSim200** won't spiral out of control - our unit will work with most legacy IBP and temperature cables you already have.

## Why buy the PatSim200?

- > **Programme your PatSim200 to recall your most used sequences at the touch of a button** - increasing efficiency in the workplace.
- > **An instant low cost replacement for old patient simulators** - the **PatSim200** is compatible with most legacy IBP and temperature cables.
- > **Simple, fast navigation using the dedicated home button and recall key** - less button pushing, more testing!
- > **Lightweight and compact unit with rechargeable Li-Ion battery** - offering up to 6 hours of operation between charging.

[www.rigelmedical.com/patsim200](http://www.rigelmedical.com/patsim200)

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# UniPulse 400

Defibrillator analyser with pacer.



## Why buy the UniPulse 400?

- > **The complete defibrillator analyzer solution** - including pacer functionality.
- > **Clear and vibrant LCD colour display with simple navigation** - including dedicated fast keys. Less button pushing, more testing!
- > **Rugged, compact and easy to hold** - take it anywhere, anytime... easily with battery operation.
- > **Compatible with all defibrillators** - accurately measure and display waveforms from mono-phasic to bi-phasic, all in a tester that fits in your hand.

The new **UniPulse 400** is designed to comprehensively test all defibrillators accurately and efficiently. The large vibrant colour screen will display both test results and waveforms in amazing detail. The dedicated fast keys and simple to use operating system enables test engineers to select the relevant test function in seconds.

The all new **UniPulse 400** is capable of analysing all mono-phasic, bi-phasic, standard and pulsating waveforms. This unrivalled functionality and our new comprehensive pacer function makes the **UniPulse 400** the ultimate defibrillator analyser on the market.

The large internal memory and on-board results storage will reduce test time and help work towards a modern paperless system. Download results to "Med-eBase" asset management software via our simple USB function or use the on-screen data recall to review results - it's never been so simple.

# Uni-Therm

Electrosurgical analyser.



Using its unique and industry leading load bank to simulate human tissue behaviour, the Rigel **Uni-Therm's** bespoke current measurements technology makes it an extremely versatile test instrument for calibrating and performance testing of all high power electrosurgical instruments on the market.

The Rigel **Uni-Therm** incorporates a range of custom settings that include a variety of test sequences and power distribution curves which make testing fast, easy and accurate. Utilising the large full colour display, built-in memory and data management facilities, the Rigel **Uni-Therm** is the first fully stand-alone diathermy tester that can offer true user friendly operation and operator safety.

Save time by using the **Uni-Therm** in automatic mode to benefit from customisable test protocols and power distribution curves for each type of surgical generator.

## Why buy the Uni-Therm?

- > **The Uni-Therm is fully compliant**
- > **Fast and accurate testing** – Automated tests makes testing quicker and more controlled every time.
- > **Bright and colourful** – Large full colour screen.
- > **Easy to manage data** – Store data captured on a USB for use in other programmes.
- > **Peace of mind** – Our load resistors have the lowest inductance available so you can be assured that you accurately calibrate and verify performance.

[www.rigelmedical.com/unitherm](http://www.rigelmedical.com/unitherm)

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# Multi-Flo

Infusion device analyser.



## Why buy the Multi-Flo?

- > **The Multi-Flo is fully compliant**
- > **Fast and accurate testing** - Automated tests makes testing quicker and more controlled every time.
- > **Easy to manage data** - Store data captured on a USB for use in other programmes.

The **Multi-Flo** infusion device analyser has been designed to work with the widest possible flow range and all types of infusion devices to allow performance verification with an accuracy of 1% from flow rates starting as low as 0.1ml/hr.

Its unique flow sensor technology leads to virtually instant and accurate flow measurements, thus reducing the time to test. The **Multi-Flo's** ability to measure extremely low flow makes it ideal for accurate PCA/Bolus verifications.

Use the **Multi-Flo** in fully manual or in automatic mode to benefit from customisable test protocols for each type of infusion device, reducing test times and providing a high standard of quality when it comes to test procedures.



# Supporting Products

Make the most of your Rigel Medical equipment.



**Med-eBase** is a test solution software program designed to bring out the full potential of your Rigel test equipment.

For faster, more efficient testing and to unlock advanced features within each tester, this easy-to-use Windows based program provides enhanced database management.

For your FREE 30 day trial visit: [www.rigelmedical.com/med-ebase](http://www.rigelmedical.com/med-ebase)

## Med-eBase



A vast range of accessories ensures that you're covered for any eventuality.

A full list is available at [www.rigelmedical.com/accessories](http://www.rigelmedical.com/accessories)

## Accessories

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# WE'RE CHANGING



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**Biomedical Safety Testing  
and Measuring.**

35 years of experience and expertise combined to bring you...

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**BETTER PRODUCTS**  
**BETTER VALUE**



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