



Therapeutics & Diagnostics

Profile 2025

www.samirgroup.com



SAMIR

TRADING & MARKETING

For over 70 years, Samir has delivered cutting-edge solutions in medical, laboratory, and AV technologies—partnering with global leaders to serve key sectors in the Kingdom.

Today, we continue to evolve with Vision 2030, driving progress through smart technologies that shape a more advanced and connected Saudi Arabia.



OUR BUSINESS DIVISIONS



Medical &
Healthcare



Visualization of
Integrated Projects



Business Imaging
System & Service



Audio Visual & Low
Current Integrator



Digital Printing &
Finishing Solutions



Home Printing &
Personal Care



Industrial Reliabilities &
NDT Inspector



After Sales &
Service

Therapeutics & Diagnostics

A Division that has evolved with dedication towards improvement in life of humankind and their care by ensuring availability of world class innovative technology to empower healthcare professionals in the field of:



Low Temperature Sterilization & Infection Control patients



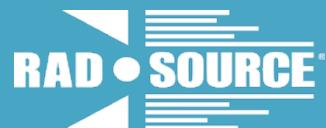
ELISA open system with full automation



Blood Bag Irradiation through X-Ray Technology



Blood Irradiation Indicators (X-Ray and Gamma) and Pathogen Inactivation/Reduction



HUMAN MEDITEK established a research center to develop various plasma sterilization products. It has become a global prestigious brand that contributes to the international medical community with new plasma technology, and will continue to make tireless efforts to be the leader of low-temperature sterilization. HMTS-Series registered in more than 53 Countries world-wide, participated in over 45 Medical Device Exhibitions and Sterilization Congresses for over a decade, the products offered are:

HMTS- 80E

The most popular model in the HMTS lineup. Large chamber and four-cycle options to process a wide variety of medical devices. Enables customers to enhance overall productivity and enable a high standard of patient care.



HMTS- 142 & HMTS- 142D

The most advanced low temperature hydrogen peroxide sterilizer single door. Large 142L chamber and optimized cycle options. Allows the customers to process more loads and a wide variety of instruments quickly, safely and efficiently. Model HMTS-142D has double door.

Automated Immunohematology Solutions

Consumable products and accessories are specially designed to ensure the highest compatibility and maximum validation efficacy for HMTS-Series Low Temperature Hydrogen Peroxide Sterilizers.

Sterilant Agent

HMSA-80 Sterilant, specially designed for HMTS-Series, contains %50 Hydrogen Peroxide. The lower concentration of hydrogen peroxide reduces the device and instrument damages while providing maximum sterilization efficacy. The self-contained bottles ensure user safety and can provide up to 18 cycles between changes.



Biological Indicators

HMBI-T is a self-contained biological indicator inoculated with *Geobacillus stearothermophilus*, a highly resistant bacterial spores, to safely and effectively monitor the sterilization processes.



Chemical Indicator (Strips / Tapes)

Designed specially for HMTS-Series Low Temperature Hydrogen Peroxide Sterilizers, The chemical inditors offer a distinct and easy to read color changes to provide confidence for proper sterilization.



Tyvek® Rolls

We offer a wide variety of sizes and styles of Tyvek® Rolls, which provides excellent tear and puncture resistance. The pouches and rolls can provide sterile storage for up to one year.



Other Accessories

We offer a variety of exclusive accessories, specially designed for HMTS-Series Low Temperature Sterilization System, to enhance convenience and efficiency.



Tecan is a leading global provider of laboratory instruments and solutions in biopharmaceuticals, forensics and clinical diagnostics. The company specializes in the development, production and distribution of automated workflow solutions for laboratories in the life sciences sector. Its clients include pharmaceutical and biotechnology companies, university research departments, forensic and diagnostic laboratories. As an original equipment manufacturer (OEM), Tecan is also a leader in developing and manufacturing OEM instruments and components that are then distributed by partner companies.

Sunrise

Tecan's Sunrise absorbance microplate reader offers all the functionality needed for numerous photometric applications, including advanced 12 channel optics for fast, multichannel absorbance reading of ELISAs, a temperature control function for enzyme kinetic assays, and a tunable wavelength function for wavelength scanning.



HydroFlex™ microplate washer

The HydroFlex microplate washer is a truly flexible and upgradeable platform for automated microplate strip washing, magnetic bead washing and vacuum filtration in 96 well plate formats. It is an ideal solution for a wide range of (cell, bead and ELISA based applications) reflecting over 30 years of Tecan expertise in advanced liquid handling.



Freedom EVO 100 base unit

This base unit offers state of the art liquid handling capabilities and optional robotic functionality for general purpose pipetting in all small to medium throughput laboratories.



Freedom EVO 150 base unit

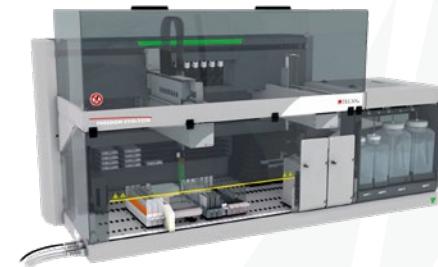
Our core liquid handling and robotics workstation for small, busy laboratories or medium to high throughput research and diagnostic laboratories. The larger footprint significantly increases the integration area for devices, enabling a broad range of automated processes.



Freedom EVOlyzer

The Freedom EVOlyzer is designed to reduce hands-on time for ELISA processing, helping to improve the workflow efficiency of busy diagnostic laboratories. Controlled by the easy to use Freedom EVOlution software, the platform offers outstanding flexibility for a wide variety of ELISA protocols. With scalable throughput, the Freedom EVOlyzer can grow with your laboratory needs, allowing simultaneous processing of six or more microplates in one run.

The Freedom EVOlyzer has been developed to meet the requirements of General Laboratory Use (GLU)

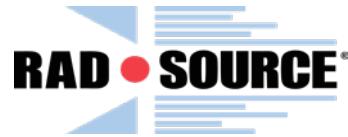


TECAN Fluent with integrated Resolvex i300

Application:

- Sample preparation for Solid Phase Extraction Using 1ml or 3ml cartridges application for LC/MS & GC/MS
- Samples were processed with the automated workstation Fluent with integrated Resolvex i300.
- Interchangeable 1ml & 3ml Cartridges
- Dispenser Modules
- Evaporator Modules





Over 20 years ago, we pioneered the first-ever FDA-cleared blood x-ray irradiation medical device used to prevent TA-GVHD, and we have maintained our status as the industry leader and gold-standard in blood irradiation technology and instrumentation ever since. Our patented x-ray irradiation technology effectively and routinely inactivates the immune cells in donor blood, which diminishes the risk of developing TA-GVHD for the transfusion recipient.

Features and Benefits

The most popular model in the HMTS lineup. Large chamber and four-cycle options to process a wide variety of medical devices. Enables customers to enhance overall productivity and enable a high standard of patient care.

 Patented Quastar x-ray emitter (Patent #7346147)	 Uniform dose (~1.35-1.6 Gy) with support inserts	 <5 min cycle for 25Gy center dose
 Patented carousel rotator (Patent #7515686) keeps contents stable	 Holds up to six 1L canisters	 Processes blood, platelets, and syringes (≤60 mL) in one cycle
 Low power: <2 kW, single supply	 Repairable emitter lasts up to 7 years	 Compact footprint (91×86 cm) with built-in cooling, no water needed

Direct Cesium

- No Nuclear Regulatory Commission (NRC) License required
- No nuclear disposal requirements
- No additional safety equipment for laboratory staff
- No additional security requirements

Certification

US-FDA cleared, CE marked, and CB Scheme certified





Ashland's Rad-Sure™ indicators provide positive visual verification of the irradiated status of blood units. In addition, the Dose-Map™ calibration system validates the performance of blood irradiators providing peace of mind that blood is safe to use. This instant imaging film medium darkens when exposed to ionizing radiation providing easy to see visual proof of irradiation. Hospitals can greatly reduce the risk of transfusion-related disease through irradiation of cellular blood products prior to transfusion. Be sure with Rad-Sure.

Rad-Sure™ blood irradiation indicators

Rad-Sure™ blood irradiation indicators provide positive visual verification of irradiation at the minimum specified dose that helps medical professionals and patients know the blood products they are receiving have been irradiated properly. Manufactured from gafchromic™ film, the world's highest resolution dosimeter, rad-sure™ irradiation indicators are the standard for blood irradiation indicators for over 30+ years.

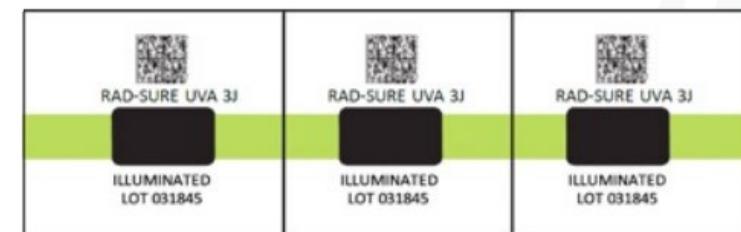
When attached to blood products, rad-sure™ blood irradiation indicators show whether the blood products have been irradiated. Before irradiation, the word "NOT" is visible, and the indicator reads "NOT irradiated." After irradiation, the word "NOT" is obscured, and the indicator reads "IRRADIATED."



rad-sure™ 25 Gy indicators

Rad-Sure™ Pathogen Inactivation/Reduction indicators

Expanding upon the great functionality and reliability of Rad-Sure™ Indicators, Rad-Sure UVA 3J extends the benefit of the "NOT" to the Pathogen Inactivation/Reduction System for Platelets and Plasma during illumination process. Rad-Sure UVA 3J features a unique multi-window design that is specifically calibrated for UVA light. The exposed indicator windows can then transfer from the illumination container to the final storage containers, following the path transfusion of the product.





CONTACT

Let's Talk About Your Next Project

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