

Specialty Immunoassay Automation



Hypertension and
CKD-MBD Markers



Growth Markers



Bone and Cartilage Markers



The IDS-iSYS Specialty Immunoassay System

Historically, analytical challenges have made performance of specialty assays impossible for all but the highest volume or most specialized laboratories. **Until now.**

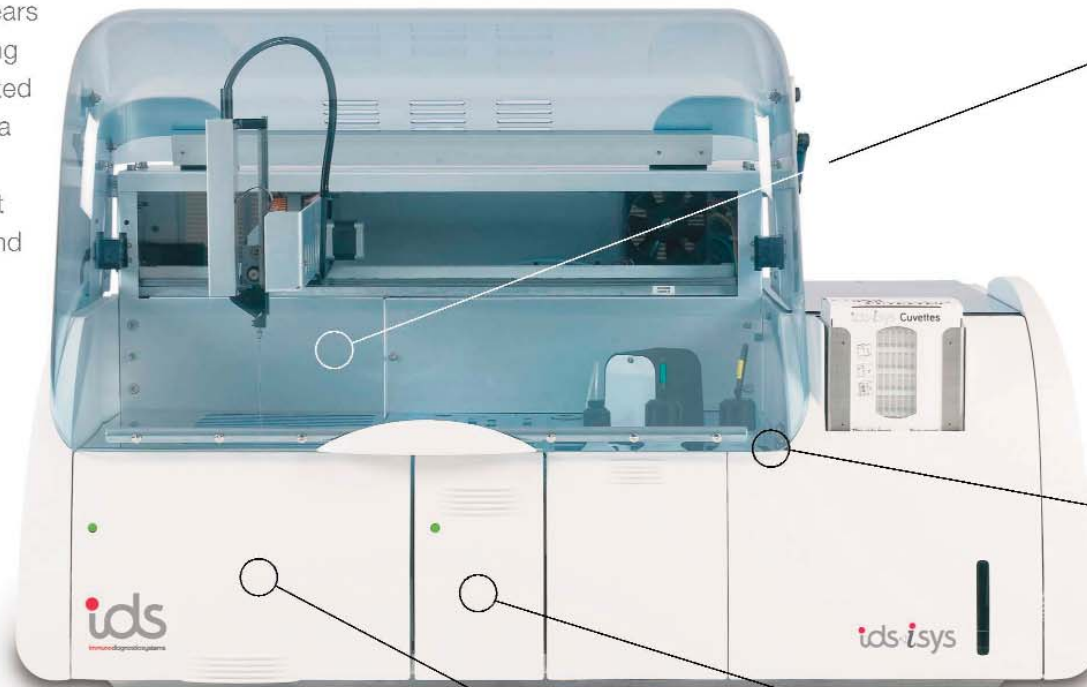
Designed with the flexibility needed to accommodate unique and challenging assay requirements, IDS-iSYS automation brings testing efficiency and uncompromised quality to specialty immunoassay testing in laboratories of all types and volumes.



Automation Designed to Optimise Performance AND Productivity

Uncompromised Quality and Efficiency

The IDS-iSYS combines 50 years of instrumentation engineering experience with world-respected assay development skills into a compact, benchtop system that fully automates the most challenging bone, cartilage, and growth markers.



Sample Handling

- Liquid level sensing
- Wide range of sample volumes
- Sample mixed in cuvette
- On-board sample pre-treatment



Software Interface

- Real-time monitoring and consumable level detection
- Guided maintenance schedules
- Ethernet connection for remote diagnostics
- Bi-directional LIS compatibility
- Calibration and QC monitoring with complete traceability

Assay Processing Module

- Acridinium ester, magnetic particle chemiluminescence detection
- Enzyme activity measurement capability
- Individual cuvette for each test
- Two point calibrators with stored master curve
- Enhanced throughput with 4 independent washers



Uncompromised Efficiency

- Full, walk-away automation
- Compact, benchtop design
- Continuous loading with Batch, Random, and STAT flexibility
- Easy operation with Auto start-up and shut-down
- On-board refrigeration of ready-to-use reagent cartridges

Reagent Module

- Ready-to-use barcoded reagent cartridges
- Holds up to 15 different immunoassay cartridges
- On-board refrigeration (8-10° C)
- Continuous loading and unloading

Sample Loader

- Up to 120 samples (6 racks of 20 samples each)
- Supports multiple tube sizes, including pediatric micro-tubes
- Continuous loading and unloading



Uncompromised Quality

- Excellent correlation with gold-standard assays
- Independent test cuvette processing
- Traceability of samples, reagents, and consumables



Immunodiagnostic science, products, and support for the Immunoassay Specialist.

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For more information on the IDS-ISYS or other IDS products, contact your local IDS office or contact IDS UK for the contact information of your local distributor.



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