euroimmun
From Revvity

IDS-i10 – Next Generation Analyzer.



ids i10®



Track docking

Can be connected to Inpeco sample conveyors and allows up to 30 samples positions for STAT and CAL/QC



Sample area

Up to 60 positions for samples, calibrators and controls (6 racks with 10 positions). Continuous access, positive sample ID with all types of tubes supported.



Reagent area

Up to 10 reagent positions. Continuous loading and automated barcode recognition



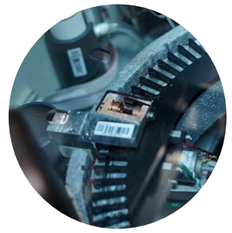
Cuvettes

Continuous loading. Up to 1120 cuvettes on board. Each cuvette box contains 960 cuvettes



Analytical area

The Modular Analytical Platform (MAP) is a highly reliable assay processing system, with no user maintenance



Ancillary area

All ancillaries are ready to use and can be continuously loaded during a run. All information is logged for a full traceability



Innovation in lab productivity

- Unique Modular Analytical Platform (MAP)
- Few moving parts – best-in-class reliability
- All modules are positioned around the rotating thermostatic carousel

Increased throughput

- Re-engineered for speed
- 30% faster
- Up to 170 tests/hour in immunochemistry mode (assay dependant)

Optimised uptime

- Load and unload everything without pausing the run:
- Samples | Reagents Solid Waste | All Ancillaries
- Automatic start up, auto-control and standby
- Automatic self-maintenance
- True walk-away system

Trackable

- Consolidation of your specialty testing onto one tracked random-access system
- Connects to Inpeco sample conveyors (Flexlab Systems)
- Retains direct loading simultaneously, for STAT samples

Eco-friendly

- Combines performance and sustainability
- Reduced solid waste and increased energy efficiency
- 25% less solid waste
- 20% less electrical consumption

IDS SDspeed calc software

- A faster way to monitor patient growth disorders
- Normal value data base with 15,000 samples
- SD Score calculator to facilitate clinical data management

G.U.I software management

- Meets lab accreditation requirements
- Total L.I.S. capability
- Automatic rules for re-test, dilutions etc.
- Full traceability
- Remote control

Results you can trust

- Assay integrity guaranteed through Intelligent Clot Management (iCM) and High Pressure Rinsing (HPR)
- Automatic cleaning/ decontamination program

Product manufactured by Immunodiagnostic Systems Ltd. (IDS).
IDS-i10 is a trademark of Immunodiagnostic Systems Ltd. (IDS), available to order from your local Euroimmun contact.

System

Dimensions

Size	104 cm x 60.5 cm x 68 cm (W x D x H)
Weight	81 kg
Basis weight	129 kg/m^2

Power supply

Voltage	100 - 240 V
Frequency	50 - 60 Hz
Maximum power consumption	600 VA (2500 BTU/h or 143.5 cal/s)

Environment

Sound level	Up to 72 dB
Surrounding temprature	Must be between 18 °C and 30 °C
Relative humidity	Must be within 20 % and 80 % (non-condensing at 25 °C)

Workflow

Random access	Yes
Time to first results	< 25 minutes (assay dependant)
Tests/hour	Up to 170 tests/hour (assay dependant)
Results/day	> 800 (assay dependant)

Detection

Luminometer

Wavelength	300 - 500 nm
Linearity	Up to 625k RLU

Spectrophotometer

LED Technology	Yes
12 wavelength interferential filters	340, 405, 450, 500, 540, 550, 580, 620, 650, 700, 720 and 750 nm
Linearity	Up to 3 Abs
Bi-chromatic mode	Available
Optic path of cuvettes	0.8 cm

Samples / reagents management

Samples

- 60 positions for samples, calibrators and controls (6 racks with 10 positions)
- 30 positions for samples, calibrators and controls (3 racks with 10 positions) on track connection
- Serum, plasma, urine, others (saliva...)
- Sampling on primary tubes, secondary tubes, micro cups, pediatric tubes
- Default sample tube library:
  Primary tubes: 5 ml (13 x 75 mm), 7 ml (13 x 100 mm), 10 ml (16 x 75 mm
  Secondary tube: 5 ml (13 x 75 mm)
  Micro cups: 500 µl, 2 ml
- Other sample containers can be defined by the user
- STAT samples
- Automatic reading of barcoded sample tubes (positive identification)
- Barcode types: Code 2/5, EAN/UPC, Code 39, Code 128 and Codabar
- On-board dilution and automatic pre-treatment

Reagent compartment

- Up to 10 different immunoassay cartridges
- Integrated reader for automatic reading of reagent cartridge barcodes
- Onboard storage: 12 - 15 °C

Carousel

- Temperature regulated at 37 °C ± 0.5 °C
- 90 positions for disposable cuvettes
- 4 independent washers

Sample handling

- Single pipetting arm for samples and reagents
- Liquid level detection by capacitanc (samples and reagents)
- Clot detection (by pressure transducer)
- Internal and external rinsing between each pipetting of sample
- Possibility of specific rinses using decontaminating solution
- Preheating of sampling (reagents & samples)
- Sample volumes: from 4 µl to 300 µl (assay dependent)

Cuvette loader

- Refill with cubes of 960 disposable cuvettes
- Up to 1120 cuvettes on board
- Preheated loader

Waste collection

- 10 litres container for liquid waste
- Solid waste (cuvettes) using disposable waste bags (up to 960 cuvettes)

Ancillary reagents

IDS-iSYS Liquid System	5 l
IDS-iSYS Wash Solution	10 l
IDS-iSYS Triggers	250 ml each
IDS-iSYS D-SORB Solution	2 x 1 l
IDS-iSYS CCS	-
IDS-iSYS Cuvettes	-
IDS Immunocleaner	-
Disposable Waste Bags	-

Graphic user interface and computer

GUI

- User level management
- Continuous access to programming
- Full traceability: patient results, calibrations, controls...
- Automatic calibration. QC management: up to 4 levels, analysis by Levey-Jennings and Westgard rules (configurable), lot management of reagents, calibrators and controls using barcodes
- Reagent stability management
- Local storage of 5000 patient results (including traceability)
- Connection to LIS: bidirectional communication (ASTM protocol), RS-232 or RJ45

Operating system

Minimum configuration required:

- Operating system: Windows 7/10
- Microprocessor: Type core i5, 3.6 GHz
- Live memory: 4 GB
- Hard disk: 500 GB
- Ethernet: 2 independent ethernet network adaptors
- Ports: USB ports (min 2, one of which at front)
- Input devices: USB keyboard (country specific), mouse (optional)
- Screen: 22 inches (touchscreen) monitor, speakers integrated
- Screen resolution: 1920 x 1080 pixels
- Peripherals: reader-DVD writer, integrated graphics device

Ordering information

Product name	Product code
IDS-i10	IS-810400

Find out more at www.euroimmun.com
or contact us directly at
www.euroimmun.com/contact

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