



ids i10[®]
Next Generation Analyzer
Faster, compact, trackable

Automate your specialty testing



Increased throughput



Eco-friendly



Optimised up-time



Results you can trust



Trackable

ids i10[®]



Track docking

Can be connected to Inpeco sample conveyors and allow 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



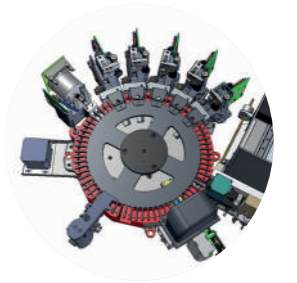
Cuvettes

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



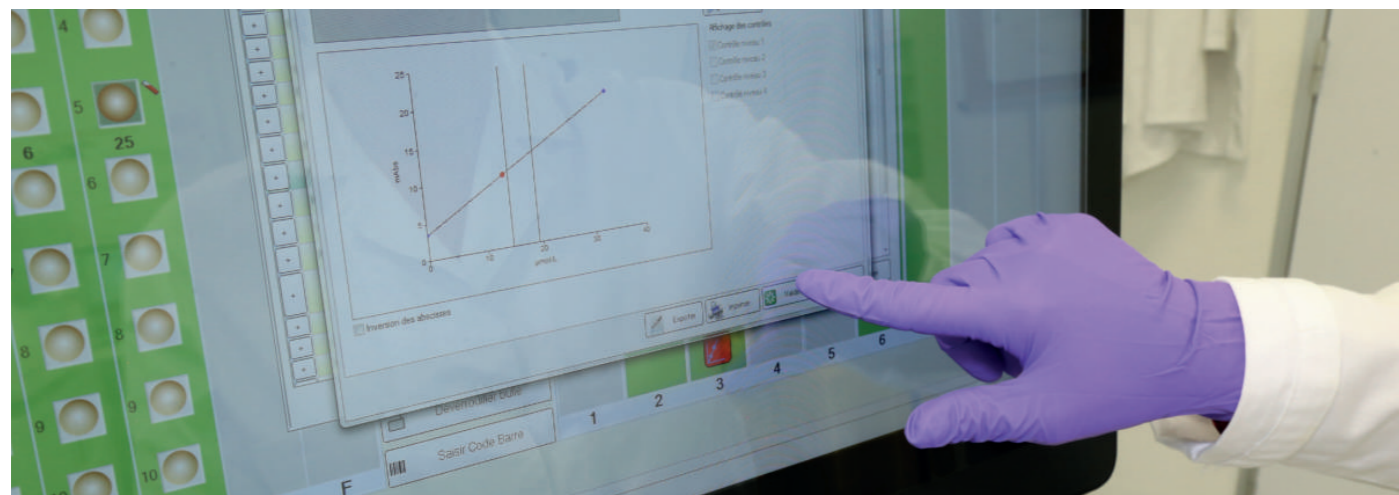
Analytical area

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 full traceability



Engineering



Efficiency



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 dependent)

Optimised up-time

- 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

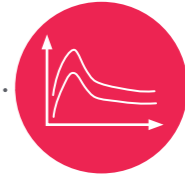
Trackable

- 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

In control



Results you can trust

- Assay integrity guaranteed through:
**Intelligent Clot Management ›
iCM High Pressure Rinsing › HPR**
- Automatic cleaning/decontamination program

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

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



System

Dimensions

- System: L 104 x H 68 x W 60.5 cm
- Weight: 81 kg
- Basis weight: 129kg/m²

Power supply

- Voltage: 100–240V
- Frequency: 50–60 Hertz
- Maximum power consumed: 600VA (2500BTU/h or 143.5cal/s)

Environment

- Sound level: up to 72dB
- The surrounding temperature must be between 18°C and 30°C
- Relative humidity must be within 20% and 80% (non-condensing at 25°C)

Throughput

- Random access
- Time to first results: < 25 minutes (assay dependent)
- Up to 170 tests/hour (assay dependent)
- > 800 results per day (assay dependent)

Immunoassay detection

Luminometer

- Wavelength: from 300 to 500nm
- Linearity: Up to 625k RLU

Spectrophotometer

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

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, paediatric tubes
- Default Sample tube library: Primary Tubes: 5ml (13 x 75mm), 7ml (13 x 100 mm), 10ml (16 x 75mm)
- Secondary Tube: 5ml (13 x 75mm)
- Micro cups: 500µl, 2ml
- 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

Sample handling

- Single pipetting arm for samples and reagents
- Liquid level detection by capacitance (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 4µl to 300µl (assay dependent)

Carousel

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

Cuvette loader

- Loader for 1 x cube of cuvettes
- 1 x cube contains 960 disposable cuvettes
- Up to 1120 cuvettes on board
- During operation, the capacity can be extended to 1120 cuvettes
- Preheated loader

Waste collection

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

Ancillary reagents

- IDS Liquid System (5l)
- IDS Wash solution (10l)
- IDS Triggers (250ml each)
- IDS D-SORB Solution (2x1 l)
- IDS CCS
- IDS 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 by barcodes
- Reagent stability management
- Local storage of 5000 patient results (including traceability)
- Connection to LIS: bidirectional communication (ASTM protocol), RS-232 or RJ45

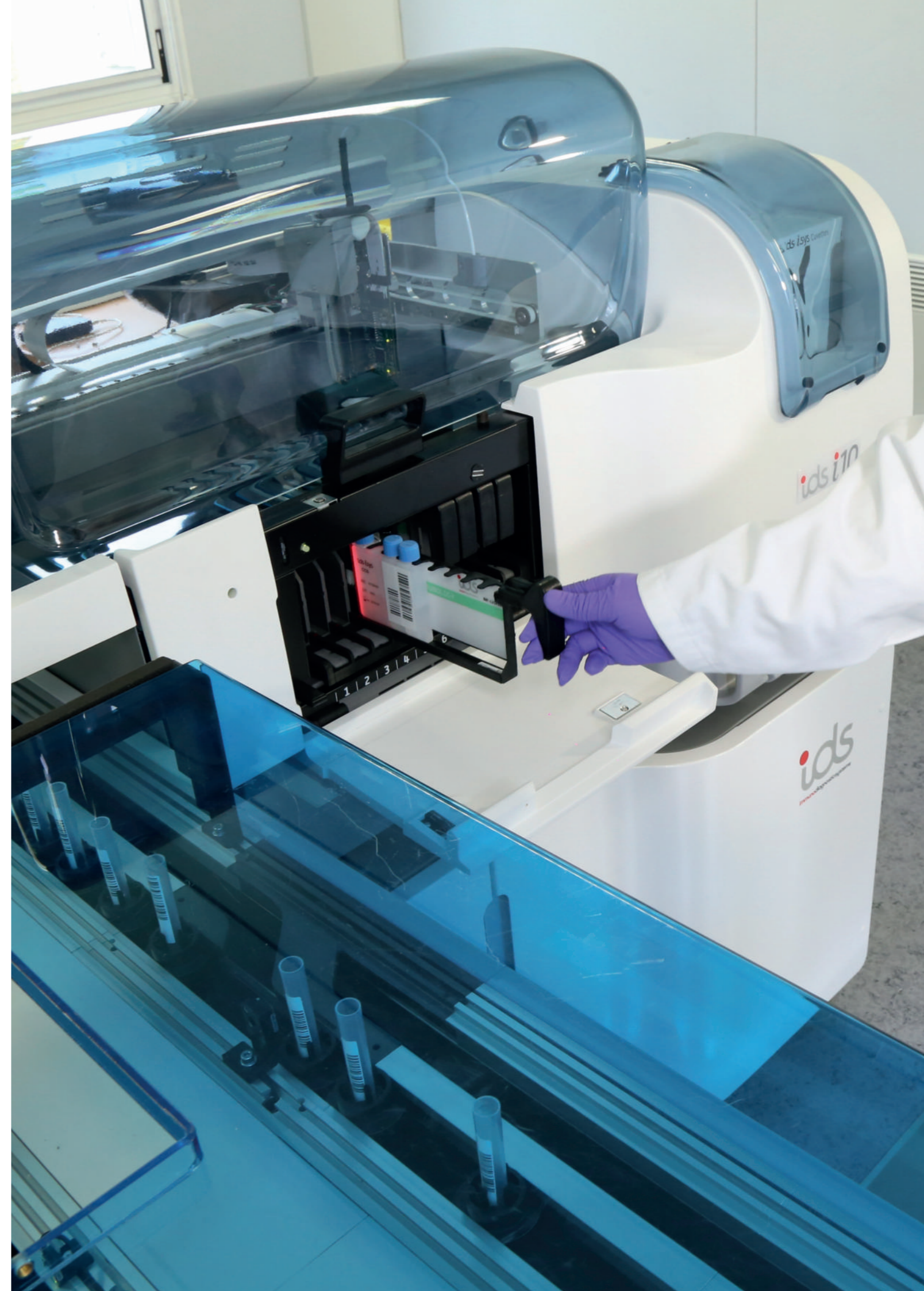
Operating system

Minimum configuration required:

- Operating system: Windows 7/8/10
- Microprocessor: Type Core i5, 3.6GHz
- Live memory: 4Gb
- Hard disk: 500Gb
- 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 |



Connect with us



EUROIMMUN



+44 191 519-6155



+49 451 2032-0



www.idsplc.com



www.euroimmun.com



Follow us



Follow us

Global Headquarters

Immunodiagnostic Systems
10 Didcot Way, Boldon Business Park
Boldon, Tyne & Wear, NE35 9PD,
United Kingdom

Tel: +44 191 519-0660
Fax: +44 191 519-0760

Global Headquarters

EUROIMMUN Labordiagnostika AG
Seekamp 31
23560 Lübeck
Germany

Tel: +49 451 2032-0
Fax: +49 451 2032-100

IDS Germany

Herriotstraße 1
60528 Frankfurt
Germany

Tel: +49 69 26019-0940
Fax: +49 69 26019-0949