

# i-Track<sup>10</sup>

## System

### Dimensions

- System: L 104 x H 68 x W 60.5 cm
- Weight: 81 kg
- Basis weight: 129 kg/m<sup>2</sup>

### Power Supply

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

### Environment

- Sound level: up to 72 dB
- 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: < 60 minutes
- Up to 90 tests/hour (assay dependent)
- > 500 results per day (assay dependent)

## Immunoassay Detection

### Luminometer

- Flash CLIA technology
- Wavelength: from 300 to 500 nm
- Linearity: up to 10 million RLU

### Spectrophotometer

- Spectrophotometer with LED technology
- 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 availability
- 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
- 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

### 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 4 µl to 300 µl (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 1,120 cuvettes on board
- During operation, the capacity can be extended to 1,120 cuvettes
- Preheated loader

### Waste Collection

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

## Ancillary Reagents

- i-Track<sup>10</sup> Liquid System (5 L)
- i-Track<sup>10</sup> Wash solution (10 L)
- i-Track<sup>10</sup> Triggers (250 mL each)
- i-Track<sup>10</sup> D-SORB Solution (2x1 L)
- i-Track<sup>10</sup> CCS
- i-Track<sup>10</sup> Cuvettes
- i-Track<sup>10</sup> Immucleaner
- Disposable Waste Bags

## Graphic User Interface and Computer

### GUI

- User level management
- 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 5,000 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, 3.6 GHz
- Live memory: 4 Go
- Hard disk: 500 Go
- 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



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## Random Access TDM for Biologics

### Fast, Comprehensive, Trackable

- Compact
- User friendly
- Eco-friendly
- Secured
- Short Turn-Around Time



Contact your sales representative for more information. Characteristics subject to change.



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Read carefully the instruction for use of the product insert before use. Pictures may differ from actual products.



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## A STEP FORWARDS IN PERSONALIZED MEDICINE



### Track docking

Can be connected to Inpeco sample conveyors and allow up to 30 sample positions for Stat and CAL/QC.



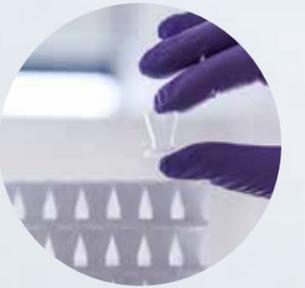
### Sample Area

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 1,120 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.



### Comprehensive

- Drug and anti-drug antibodies testing
- Quantitative measurement for all parameters
- Full range of available assays



### Short Turn-around Time

- First results in 35 minutes
- High throughput (60 tests/hour)
- STAT function anytime



### User Friendly

- Continuous loading and unloading
- Automatic startup, QC and standby
- Automatic self-maintenance
- True walkaway system



### Secured

- Meets lab accreditation requirements
- Automatic rules for re-test and dilution
- Full traceability
- Full QC follow-up
- Remote control access available



### Eco-Friendly

- Designed for sustainability
- Reduced solid waste and increased energy efficiency
- Less plastic use compared to ELISA testing



### Trackable

- Consolidation of Biologics TDM on your central lab
- Connects to Inpeco sample conveyors (Flexlab Systems)
- Retains direct loading capabilities for STAT samples