

LIAISON[®] Ixt



An automated, flexible and compact instrument for high quality DNA/RNA extraction and cell separation from a variety of specimen samples type.

Small in size - Big on performance

The DiaSorin LIAISON[®] Ixt is fully flexible, able to meet different laboratory requirements. The instrument, with a low to medium throughput capability of up to 12 samples, delivers high quality nucleic acid extractions, or cell separations from a range of sample types. The LIAISON[®] Ixt is easy to set up and simple to use, with it's ready to use reagent cartridges which demands minimal technician preparation time, and delivers results in 35 minutes*. The unique single use pump-tip device, together with DiaSorin chemistry avoids the potential of fluidic system issues more commonly associated with other laboratory instruments, and has the added benefit of in-built sample volume flexibility, to meet specific local requirements. The pump-tip device, together with the integrated moving UV-decontamination mechanism which sweeps the entire work area, ensures that the instrument is maintained in an optimal and contamination free condition.

The LIAISON[®] Ixt delivers:

- Compact Bench-top Instrument

No need for specialist benching or laboratory alterations

- Flexibility

1-12 samples per run Variable sample input volume Primary tube sampling

- Speed

Pre-loaded assay protocols, easy to use, minimal hands on time Ready to use reagent cartridges Up to 12 results in 35 minutes*

- Reliability

Consistent and high quality nucleic acid extraction Highly purified cell separations, excellent reproducibility, optimal and standardized results Robust instrument with minimal moving parts, reduced maintenance and service requirements

- Reduced Contamination Risk

Single use pump-tip device Unique moving UV light de-contamination operation

INSTRUMENT SETUP

1. Load pump-tip devices
2. Load reagent cartridges
3. Load samples cartridges
4. Start run
5. DNA/RNA recovery in 35 minutes*
6. Optional UV-decontamination

Samples by type for RNA and DNA isolation: Stool, Blood, Urine, Serum, Plasma, Swabs, Tissue*, Cells*, FFPE*, Sputum*, Culture*, Saliva*

* For research use only

TECHNICAL SPECIFICATIONS

Number of samples per run	1-12
Time to results	35 minutes* LIAISON® Ixt Blood DNA 200
Dispense precision	% CV at 50 µL = 2.6
Dimensions	
Height (door closed)	47 cm
Width	45 cm
Depth	45 cm
Height (door opened)	84 cm
Weight	22 kg
CE/IVD compliant	The instrument is CE marked according to the In Vitro Diagnostic Medical Device Directive 98/79/EC
Power	
	24V DC with ESD earth*.
Input Voltage	<i>*Only use the transformer supplied with the instrument or one that has been recommended by DiaSorin or your DiaSorin distributor.</i>
Interfaces	USB 1.1

TECHNICAL SPECIFICATIONS

Ethernet 100 Mbit/sec

Barcode reader

Touch screen

Display

3.5 inches colour TFT touch screen

Heating block

Type

Temperatures up to 100° C

UV source

Location

Back of pipetting arm

Type

UV-C radiation at 254 nm

Operating system

LINUX powered