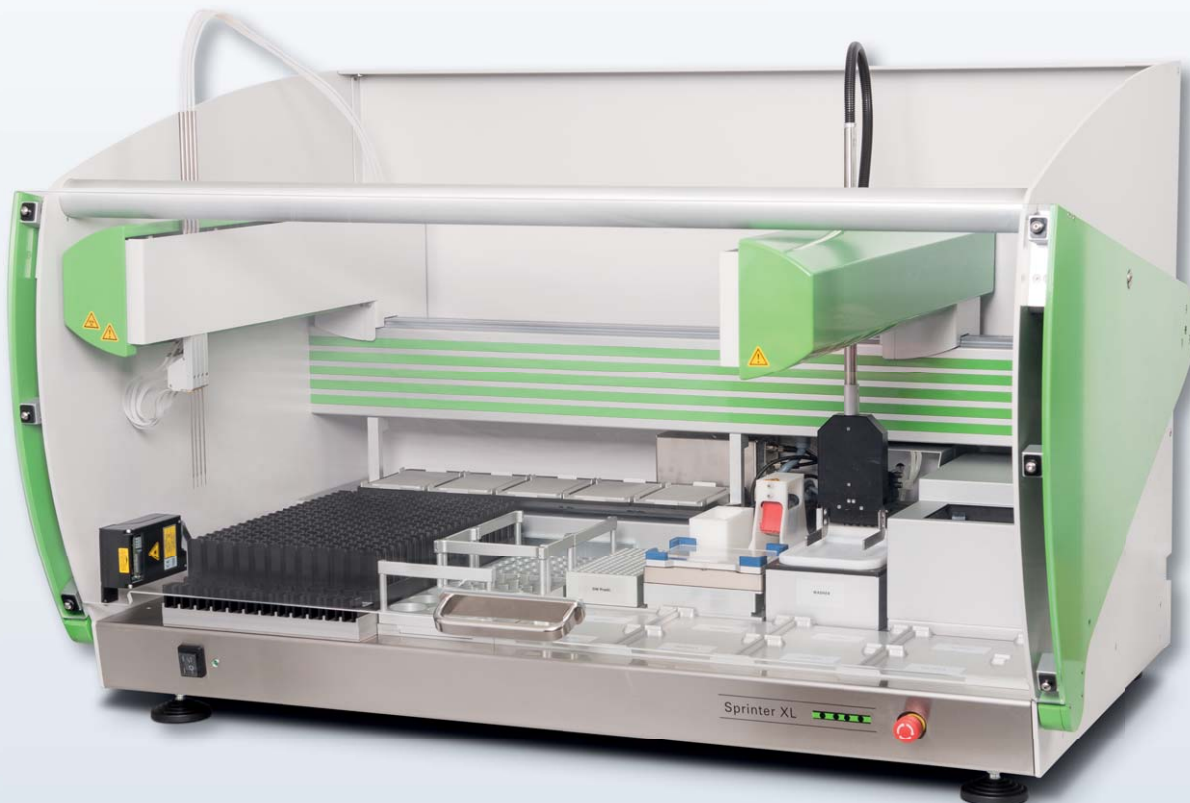




# Sprinter XL

**IIFT and ELISA on one device for moderate to high throughput**



- ✓ **Fully automated processing** of immunofluorescence tests and ELISA on one device
- ✓ **Flexibility** owing to individual adjustments to different laboratory requirements and tests
- ✓ **Outstanding performance** due to four washable pipetting needles, two independent robot arms, and optimal workflow calculation
- ✓ **Reliability and traceability** enabled by automatic identification of the barcodes on patient samples and slides
- ✓ **Convenient and safe operation** of the user-friendly graphical interface and low-maintenance hardware
- ✓ **Excellent service** from EUROIMMUN – your contact for everything from test systems to instruments and software



The **Sprinter XL** from EUROIMMUN is an automation solution for the processing of **indirect immunofluorescence tests and ELISA on one instrument**.

The system identifies and dilutes samples, performs all incubation and washing steps, and reads ELISA microplates by means of an integrated reader. The Sprinter XL is designed for moderate- to high-throughput needs.



## System

Sample capacity.....	160 configuration: up to 160 samples (outer diameter 10–16 mm) 240 configuration: up to 240 samples (outer diameter 10–16 mm)
Barcode recognition .....	automatic for sample tubes, optional for slides
Test capacity .....	30 slides or 6 ELISA plates, resp. (depending on the instrument configuration)
Reagent positions (160 conf.) .....	64 calibrators/controls, 6 sample buffers, 20 secondary reagents
Reagent positions (240 conf.) .....	49 calibrators/controls, 9 sample buffers, 12 secondary reagents
Dilution positions .....	e.g. 162 screening dilutions, 192 titer dilutions (depending on the instrument configuration)
Incubator unit.....	up to 4 heatable positions for RT+5 °C to 37 °C
Power supply .....	110–240 V, 500VA, 50/60 Hz

## Pipetting unit

Needle system .....	4 washable needles with capacitive liquid level detection
Volume .....	5–1000 µl, in steps of 1 µl
Accuracy .....	VC <6% (<5 µl); <5% (>5 µl)

## Washer unit

Washing method .....	flooding of the slides (IIFT), washing of the single positions (ELISA)
Wash head.....	8-fold, 4 different buffers to be selected via the software

## ELISA reader

Number of channels.....	8
Measurable wavelength .....	400–800 nm
Filter set.....	405 nm, 450 nm, 492 nm, 620 nm

## Software and system requirements

Operating system .....	Microsoft Windows 10 Enterprise 2019 LTSC (64 bits)
Connection .....	USB 2.0
Bidirectional communication .....	ASCII, XML or HL7

## Measurements

Width x depth x height .....	119 cm x 85 cm x 85 cm
Weight .....	approx. 150 kg