# **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

## EUROIMMUN

Medizinische Labordiagnostika AG

#### 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 10–16mm) 240 configuration: up to 240 samples (outer diameter 10–16mm)
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 Power supply	up to 4 heatable positions for RT+5 °C to 37 °C 110-240 V, 500VA, 50/60 Hz

### **Pipetting unit**

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

#### 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

#### Dimensions

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

EUROIMMUN Medizinische Labordiagnostika AG · Seekamp 31 · 23560 Lübeck (Germany) · Phone: +49 451 2032-0 · www.euroimmun.com