EUROIMMUN
a PerkinElmer company

Medizinische
Labordiagnostika
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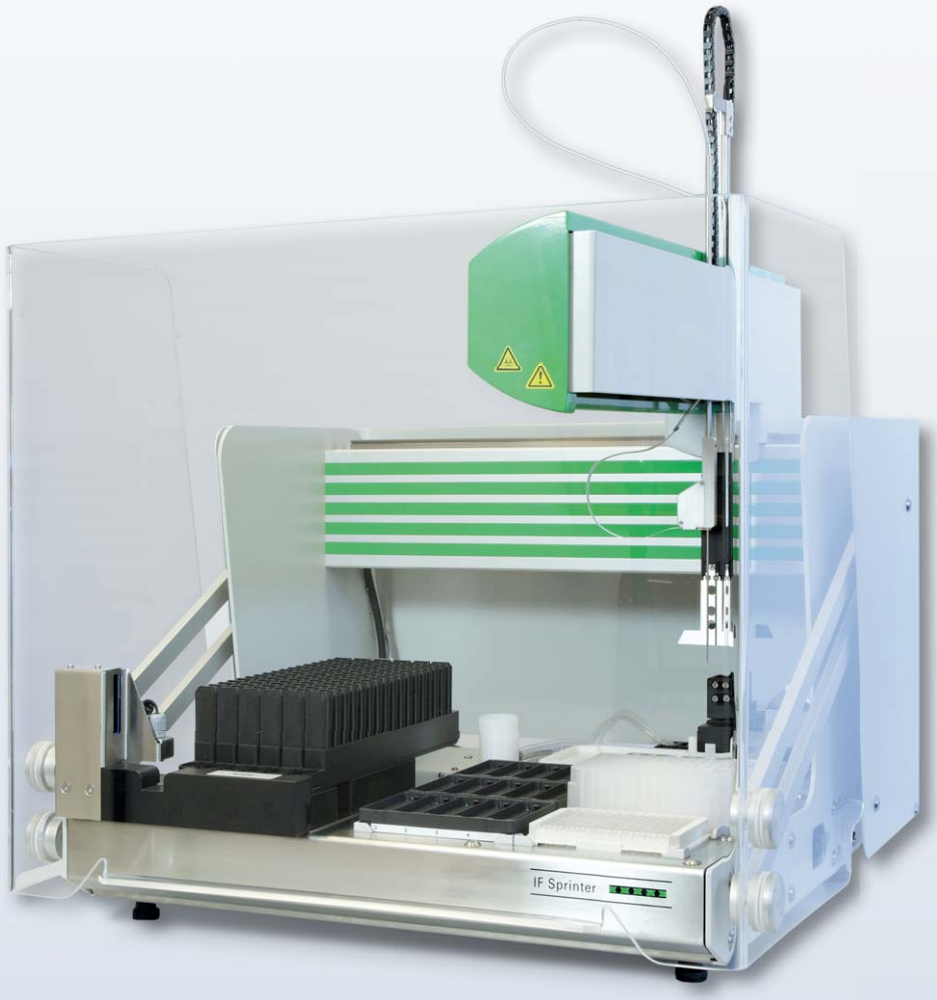
IF Sprinter

Quick automated processing for reliable IIFT results



- **Fully automated processing** of immunofluorescence tests
- **Flexibility** owing to individual adjustments to different laboratory requirements and tests
- **Reliability and traceability** due to automatic identification of the barcodes on patient samples and slides
- **Convenient and safe operation** of the user-friendly graphical interface and the low-maintenance hardware
- **Excellent service** from EUROIMMUN – your contact for everything from test systems to instruments and software

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The **IF Sprinter** from EUROIMMUN is an automation solution for the processing of **indirect immunofluorescence tests**.

The system is designed for the identification, dilution and transfer of samples and incubation and washing. The IF Sprinter is suitable for laboratories with small to medium throughput.

System

Sample capacity	96 positions (outer diameter 10–13 mm, height 55–100 mm)
Sample recognition	barcode recognition takes place automatically when inserting the racks into the instrument (Code 39, 2/5 Interleaved, EAN, UPC, Codabar, Code 128, EAN 128)
Reagent positions	12 controls and 8 reagents
Slides	15 (depending on the instrument configuration)
Dilution positions	192 (deepwell- and/or microtiter plate)
Flexibility	combination of up to 15 different parameters in one run
Power supply	110–240 V, 500 VA, 50/60 Hz

Pipetting unit

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

Washer unit

Washing method	flooding of the slides
Wash head	8-fold, 4 different buffers to be selected via the software

Options

Special rack	for 84 samples (outer diameter 10–16 mm, height 55–100 mm)
Incubator unit	heatable for 1 position (RT+5 °C bis 49 °C)
Slide recognition	integrated DataMatrix-Code Reader
ELISA reader	wavelength 400–800 nm, filter set 405 nm, 450 nm, 492 nm, 620 nm
Shaker unit	for 1 position

Software and system requirements

Operating software	Microsoft Windows 7 (32 bits)
Hardware	dual core processor with 1.6 GHz or more, at least 1 GB RAM
Connection	CAN-Bus on USB 2.0
Bidirect. communication	ASCII, XML or HL7

Measurements

Width x depth x height	65 cm x 70 cm x 75 cm
Weight	approx. 50 kg

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