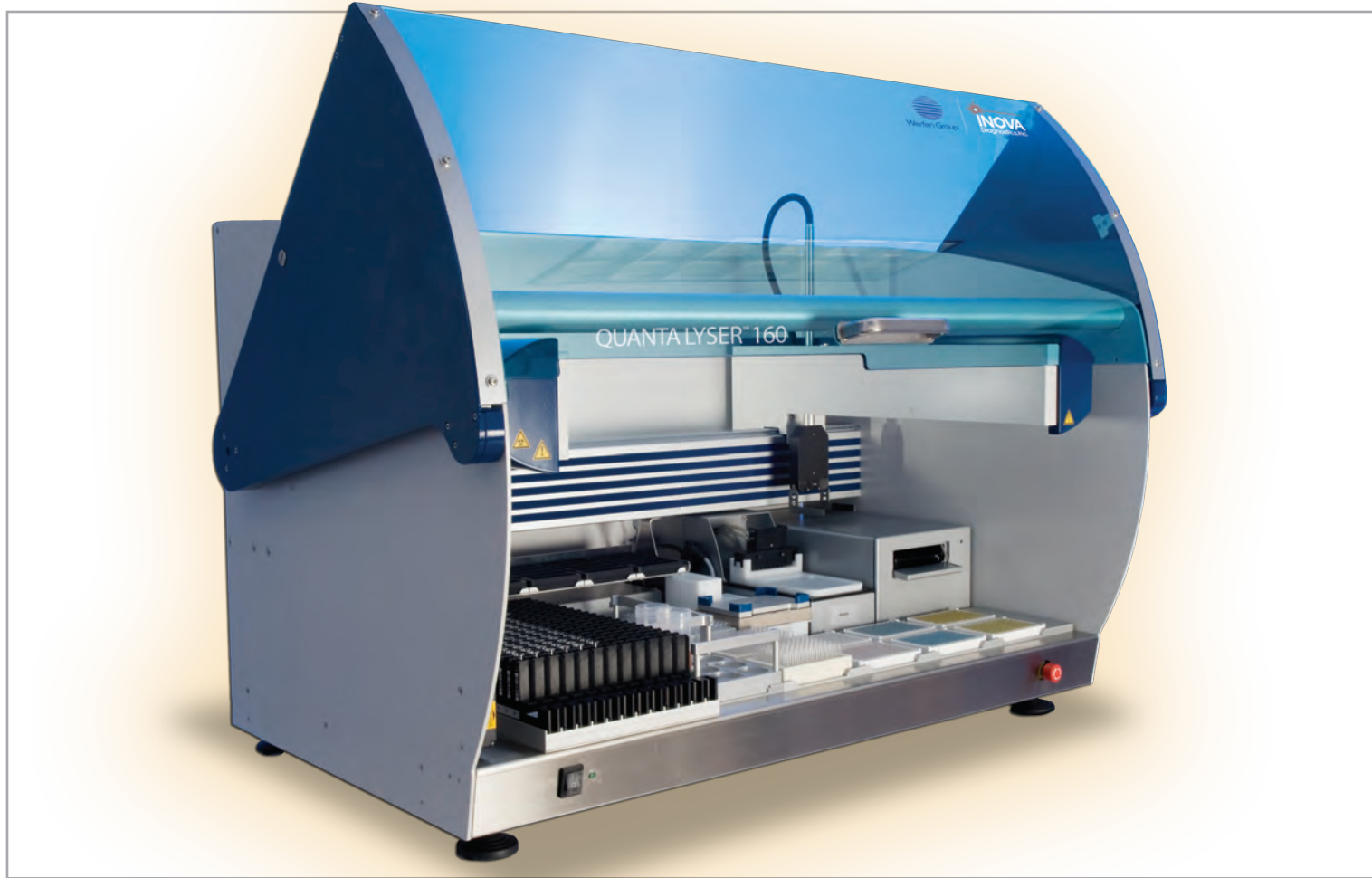


# QUANTA LYSER™ 160/240

A PERFECT SOLUTION FOR ELISA AND IFA PROCESSING



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## SPECIFICATIONS

### NUMBER OF TESTS/4 HOURS

- ELISA 540; IFA 360

### TIP DESIGN

- 4 washable tips
- Tips are fully independent on Y and Z axis
- Flexible Tips Spacing (flexispan technology)
- Independent liquid sensors for each tip
- Capacitance liquid detection technology
- Minimum detectable volume: 150 µl
- Carry-over < 10<sup>-6</sup>

### PUMPS

- High precision “mini toothed wheel” pumps
- Independent pump for each tip
- Pipetting capacity: 1µl to 1ml

### VOLUMES

- Minimum sample/reagent volume 5µl
- Maximum sample/reagent volume 1ml

### PRECISION

- CV < 1% with volume > 20µl
- CV = 2% with volume = 10µl

### SHAKER

- Shaker station features several shaking modes and adjustable speed

### PLATE READER

- 8 channel photometer for single, dual or multi-wavelength measurement
- Range between 400 to 800 nm
- 4 standard filters at standard wavelengths: 620 nm, 492 nm, 450 nm, 405 nm (2 additional filters are available upon request)

### PLATE & SLIDE WASHER

- 8 coaxial channels and 4 buffer lines available

### PC REQUIREMENTS

- Pentium 4 CPU at 2.4 GHz speed, 512 MB RAM or higher, 15” High Resolution display (1024x768), printer

### PC OPERATING SYSTEM

- The QUANTA LYSER™ software is fully compatible with Microsoft XP operating system

### OPERATING CONDITIONS

- Temperature: 15°C to 30°C/60°F to 85°F
- Relative humidity: 10-85% at 30°C/85°F or below

### CERTIFICATION

- Instrument bears CE mark
- CB certified

### WEIGHT

- 50 Kg / 110 lbs

### DIMENSIONS

- 112 cm (W) x 80 cm (D) x 75 cm (H)
- 44.1 in (W) x 31.5 in (D) x 29.5 in (H)

### MANUFACTURER

- Sias AG, Eichtal, Switzerland

PART #	NAME	DESCRIPTION
GS0240	QUANTA LYSER™ 240 ELISA + IFA Processor	High-throughput laboratory automation for quality, simultaneous ELISA and IFA testing. 240 sample capacity; 258 pre-dilutions; 12 reagents; 9 diluents or common reagents; 49 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 6 ELISA plates and up to 25 IFA slides.
GS0241	QUANTA LYSER™ 240 ELISA Processor	High-throughput laboratory automation for quality ELISA testing. 240 sample capacity; 258 pre-dilutions; 12 reagents; 9 diluents or common reagents; 49 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 6 ELISA plates.
GS0242	QUANTA LYSER™ 240 IFA Processor	High-throughput laboratory automation for quality, IFA testing. 240 sample capacity; 258 pre-dilutions; 12 reagents; 9 diluents or common reagents; 49 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 30 IFA slides.
GS0160	QUANTA LYSER™ 160 ELISA + IFA Processor	High-throughput laboratory automation for quality, simultaneous ELISA and IFA testing. 160 sample capacity; 162 pre-dilutions; 20 reagents; 6 diluents or common reagents; 64 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 6 ELISA plates and up to 25 IFA slides.
GS0161	QUANTA LYSER™ 160 ELISA Processor	High-throughput laboratory automation for quality ELISA testing. 160 sample capacity; 162 pre-dilutions; 20 reagents; 6 diluents or common reagents; 64 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 6 ELISA plates.
GS0162	QUANTA LYSER™ 160 IFA Processor	High-throughput laboratory automation for quality IFA testing. 160 sample capacity; 162 pre-dilutions; 20 reagents; 6 diluents or common reagents; 64 calibrators or controls; 4 wash buffers; 4 independent sample/reagent probes. Up to 30 IFA slides.
D53014	Computer system with monitor	For the QUANTA LYSER™ 160/ 240 (USA ONLY)
D53015	Printer	For the QUANTA LYSER™ 160/ 240 (USA ONLY)
D52030	UPS unit	For the QUANTA LYSER™ 160/240 (USA ONLY)
QL0061	Incubator, 4 unit	Temperature controlled incubators for the QUANTA LYSER™ 160/240
QL0062	Incubator, 5 unit	Temperature controlled incubators for the QUANTA LYSER™ 160/ 240