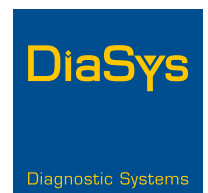


respons[®]c-line

Leading the way in laboratory excellence



DiaSys. Total confidence in patient results.



CHOOSING QUALITY.

Trusted analytical solutions for reliable results

respons[®]240c

- Compact table top analyzer for small laboratories
- 240 tests/hour constant throughput
- Space saving one rotor concept
- Grated photometer, 12 wavelengths
- HbA1c smart sampling, onboard hemolysis
- Easy to use software, touch screen ability



PRECISION IN COMPACTNESS



respons[®]420c

- Reliable results for mid sized laboratories
- HbA1c smart sampling, onboard hemolysis
- Grated photometer, 12 wavelengths
- Efficient washing with low carry over
- Easy to use software, touch screen ability
- ISE optional

RELIABILITY IN ROUTINE

respons[®]600c



WORK AUTOMATION IN PERFECTION

- Automation for large laboratories
- Integrated rack loader, continuous sample loading and processing
- Long walk away time
- Integrated ISE module
- 3 dedicated STAT rack positions
- Low footprint of only 1.2 m²
- Grated photometer with 16 wavelengths
- Flexible sample management with quick start for reruns

One bottle fits all

- Rotors suitable for established respons[®] kit line
- Fully barcoded bottles
- Pre-programmed applications



Technical specifications

	respons [®] 240c	respons [®] 420c	respons [®] 600c
Throughput tests/hour	240 tests/hour (with ISE 400 tests/hour)	420 tests/hour (with ISE 620 tests/hour)	600 tests/hour (with ISE 800 tests/hour)
Sample types	Serum, plasma, urine, whole blood	Serum, plasma, urine, whole blood	Serum, plasma, urine, whole blood
Sample volume	2-35 µL, 0.1 µL steps	2-45 µL, 0.1 µL steps	1.5-45 µL, 0.1 µL steps
Sample probe	Liquid level detection, clot detection and collision protection	Liquid level detection, clot detection and collision protection	Liquid level detection, clot detection and collision protection
Reagent pipetting	10-200 µL, 0.5 µL steps	10-200 µL, 0.5 µL steps	10-200 µL, 0.5 µL steps
Reagent probe	Liquid level detection and collision protection	Liquid level detection, bubble detection and collision protection	Liquid level detection, bubble detection and collision protection
STAT-analytics	Yes	Yes	Yes, 3 racks
Ion measurement	Upgrade kit available	Optional ISE (Na, K, Cl)	Integrated ISE (Na, K, Cl)
Barcode identification	Sample, reagent	Sample, reagent	Sample, reagent
Sample tray	36 samples	102 samples	120 samples by 12 racks
Reagent on board capacity	34 twin containers cooled to 2-12°C	40 twin containers cooled to 2-8°C	37 twin containers cooled to 2-8°C
Reaction unit	80 cuvettes, 8-step auto-washing	93 cuvettes, 8-step auto-washing	124 cuvettes, 8-step auto-washing
Photometry	Grating system, 12 wave- lengths (340, 380, 412, 450, 505, 546, 570, 605, 660, 700, 740 and 800 nm)	Grating system, 12 wave- lengths (340, 380, 412, 450, 505, 546, 570, 605, 660, 700, 740 and 800 nm)	Grating system, 16 wave- lengths (340, 380, 412, 450, 480, 505, 546, 570, 605, 630, 660, 700, 740, 770, 800 and 850)
Photometric linearity and resolution	0-3.5 OD	0-3.5 OD	0-3.5 OD
Water consumption	< 6.5 liters per hour	< 20 liters per hour	< 25 liters per hour
Dimensions	86 cm (W) × 66 cm (D) × 55 cm (H)	105 cm (W) × 72 cm (D) × 115 cm (H)	138 cm (W) × 86 cm (D) × 120 cm (H)
Weight	approx. 115 kg	approx. 200 kg	approx. 350 kg



Handed out by:

DiaSys
Diagnostic Systems GmbH
 Alte Strasse 9
 65558 Holzheim
 Germany

Phone: +49(0)64 32/91 46-0
 Fax: +49(0)64 32/91 46-32
 E-Mail: info@diasys.de
www.diasys-diagnostics.com

