

Elisa Automation

Dynex DS2 – code DY62010

Dynex DS2 (code DY62010) offers all the benefits of a high-performance *walk-away ELISA processing system*.

The DS2 quickly and easily processes two 96-well microplates and up to 12 different assays simultaneously and features the most user-friendly control system available, chain of custody, and instrument diagnostics:

- Sample dilution and distribution
- Incubation, washing, and reagent dispensing
- Reading with automatic data reduction and quality control
- Automatic bar-code scanning
- Included barcode reader

Intuitive, easy-to-use DS-Matrix™ which allows any lab technician to work with DS2 with minimal training.

GENERAL SPECIFICATIONS:

Number of plates: 2
Sample capacity: 100 per load
Continuous load: yes
Sample tube size: 10 – 16 mm diameter, 40 – 100 mm height
Reagent-fluid capacity: 8 x 25 ml bottles, 10 x 15 ml bottles
Control- fluid capacity: 24 x 2 ml vials
Reagent-tip capacity: 20 tips
Self test at startup
Sample capacity: 216 tips

READER SPECIFICATIONS:

Dynamic range: 0 - 3.0 OD
Standard 4 filters (405-450-490-620)
Filter slots: 6
Reading modes: single, dual



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Dynex DSX – code DY65400

The DSX™ (code DY65400) Automated ELISA System is a computer-controlled microplate processing system that fully automates ELISA assays. The DSX System automates the sample distribution, incubation, reagent addition, washing, and detection phases of microplate assays.

It is intended for use in clinical, research, and industrial laboratories.

The DSX is an automated system that is useful for medium throughput, **multiple assay applications**. The system is designed to process specimens in a continuous flow from sample to result.

FEATURES

The DSX™ Automated ELISA System has a number of performance and convenience features. These are summarized below:

- Different assays can be run on the same plate
- ESP™ - Electronic Signature Pipetting is available for detection of gross pipetting errors
- Automatic reading of Sample IDs and microplate IDs from barcode labels
- Endpoint data analysis to perform qualitative and quantitative data reduction
- On-board self diagnostics
- Selection of up to six standard filters (405-450-490-620)
- Single and dual wavelength reading modes
- Easily removable incubator, wash, and absorbance modules for servicing
- Aspirating/pipetting speed can be changed for viscous liquids

SPECIFICATIONS

DIMENSIONS AND WEIGHT	Depth < 91 cm (35.8 in)	Width < 106 cm (41.8 in)	Height < 80 cm (31.5 in)
	Weight < 110 Kg (243 lbs)		
FOOTPRINT	106 cm x 91 cm (41.8 in x 35.8 in)		
CAPACITIES	Samples: 96 samples (98 positions are available)		
	Reagents: 24		
	Controls and/or Standards: 33		
	Sample Pipetting Tips: 432		
	Reagent Pipetting Tips: 41		
	Wash Buffer Bottles: 4 bottles, 2 liters each		
POWER REQUIREMENTS	Main Unit: 100 - 240 V (voltage), 800 VA (power), 50/60 Hz (frequency)		
	Line Voltage Variation: > 10%		
	Line Frequency Variation: > 3 Hz		
STANDARDS	The instrument is designed in accordance with IEC/EN 61010-1:2001 (2nd Edition), IEC 61326-1:2006, FCC 15: Part B and ICES-003 for Class A device.		



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