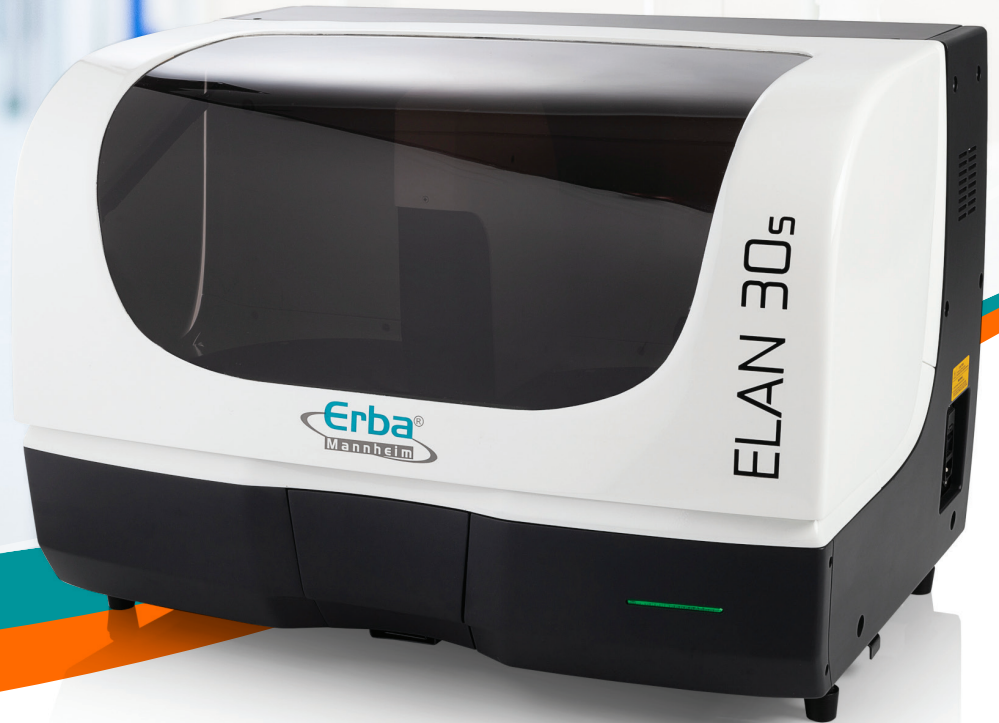




MEET THE ELAN 30s

Experience true versatility in ELISA automation

NEW



www.erbamannheim.com



Making Automation Affordable
for Labs Everywhere

Complete Solution for your ELISA Workflow

Every laboratory is different. The ELAN 30s allows users to develop new, flexible analytical workflows by taking advantage of smart scheduling software.

By combining up to 6 different assays in a single run users can break the traditional 2 or 4 plate mold and create 'clinical panel' based workflows.

ELAN enables to run different assays together even if they don't have the same schedule, protocol, or incubation times. Such versatility will be mostly appreciated in smaller laboratories, which require flexible design in a benchtop analyzer.

Multiple reporting formats enhance the final steps of the process and allow the user to report faster with more convenience.



Complete Automated Solution for ELISA Workflow Management

Automated pipetting



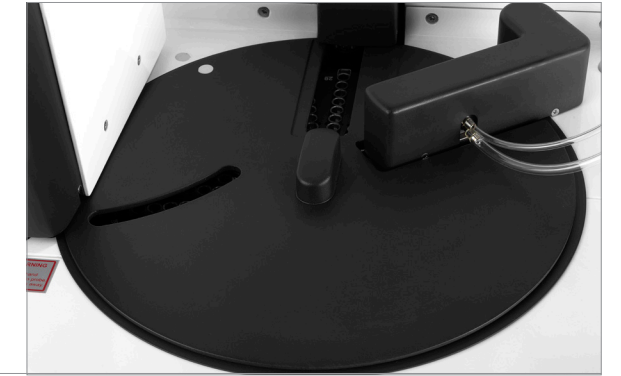
Single probe for dispensing of samples and reagents with disposable tips



Incubation



Temperature controlled inbuilt incubator / Shaker



ELISA Washer



In-built automated washing station performed at customized volumes and cycles



ELISA Reader



Moveable static photometric reading option for complete ELISA processing



User Friendly Operation



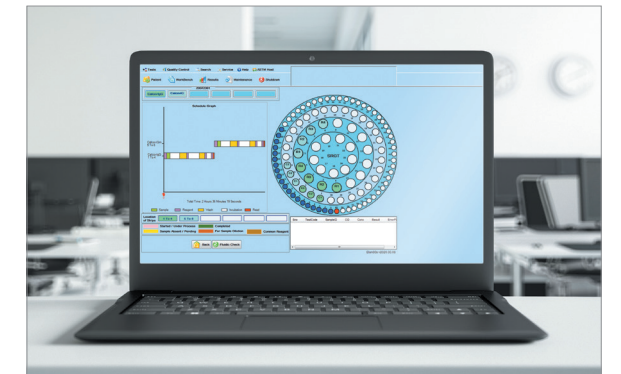
Open ELISA software-guided process



QC data management



Full QC module
Levey-Jennings data analysis
Calibration curve storage



ELAN 30s

With the fully automated ELAN 30s, you have all the versatility you need to achieve greater workflow efficiency.



NO BATCHING, NO PROBLEM

The flexible software design of the ELAN 30s means that small batch sizes can be accommodated, reducing the need to freeze samples and improving overall result turnaround times.



UNIQUELY VERSATILE

Every lab is unique and so is this machine. ELAN 30s can run up to 6 different assays simultaneously, allowing laboratories everywhere to offer a broader range of investigations.



TIME IS PRECIOUS

The ELAN 30s creates time. The flexibility and versatility of the analyzer decreases user interventions and allows to focus more time on other laboratory operations.



RESULTS MATTER

The ELAN 30s is a perfect first step into fully automated ELISA workflows. Automation can facilitate significant improvements in the quality of results as analytical variables are removed. Less errors are better for everyone!



COMPACT BENCH TOP SIZE

For small to medium laboratories



240

MICROWELL LOCATIONS (30x8)

Equivalent to 2½ ELISA microwell plates



204

CONDUCTIVE TIPS ON BOARD



59

SAMPLE POSITIONS

(Sample + Pre-dilution)



30

CALIBRATOR/CONTROL LOADING LOCATIONS



24

REAGENT LOCATIONS FOR 20ML

Other extra reagents can be loaded into test tubes



AUTO SELF-CHECK MODE

Liquid level detection and dispense monitoring



TEMPERATURE CONTROLLED INCUBATIONS



INTEGRATED PIPETTE TIP DISPOSAL UNIT



Technical Specifications

Dimensions	Power Supply
Length: 754 mm Breadth: 532mm Height: 535 mm (888 dome opened) Weight: 65kgs Shipping weight: 95kgs	Voltage: AC 110-220 V +/- 10% Frequency: 50 hZ / 60 hZ Power consumption: 300 W
General Specifications	Reader Specifications
Assays per batch: Up to 6 tests Number of samples: 59 Location: 41 to 58 can be used for loading reagents in 5ml test tubes Number of strips: 30 × 8 = 240 micro wells Sample tube size: 12-13 mm × 75 mm (5ml) Reagent bottle: 24 × 20 ml Controls & Calibrators: 30 × 2 ml Sample dilution: In-well or test tubes Tip capacity: 204 tips	Dynamic range: 0.0 - 3.0 O.D Wavelength range: 400 - 800 nm Filter slots: 405 nm, 450 nm, 492 nm, 630 nm & 3 open positions Reading mode: Single & Dual Precision: < 1% C.V at 0.5 to 2.0 O.D Accuracy: ± 1 or 2.5% (0.000 to 3.00) whichever is greater
Software	
Computer requirements: Desktop PC running Windows-based O.S. Controlling software: ELAN 30s Work protocols (assay): Unlimited Data Processing: Quantitative, Semi-quantitative, Qualitative	Levey-Jennings: Yes Westgard rules: Yes Process reporting: Event log + error log Automatic error recovery: Yes Password access control: Yes

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Washer Specifications	Pipetting Specifications
Manifold configuration: 8 channels for prime and dispensing Wash buffer capacity: 1 × 4L & 2 × 1L Distilled water tank: 1 × 20L Low buffer alarm: Yes Waste tank: 1 × 20L	Dispensing mode: Fixed needle or disposable tips Sample tips range: 300 µL (5-200 µL) Reagent tip range: 300 µL (10-200 µL) Sample tip precision: < 3% CV at any operating volume above 10 µL < 2% CV at 100 µL Reagent tip precision:< 1% CV at 100 µL
Incubator Specifications	Process Security
Temperature range: 37°C or R.T Temperature accuracy: ± 1°C across plate @37°C Shaker facility: Yes Incubator time: Programmable Time to reach temperature: < 5 min Temperature monitoring: Yes	Liquid level sensor: Yes Level sensor system: Conductive Clot detection: Yes Tip detection: Yes Alarms: Yes
Consumables: For more read our product catalogue	
Probe clean solution: XL Wash Carbonated disposable tips: Sample tips, Reagent tips	

Order Codes

180040 ELAN 30s with Standard Accessories - 220V (Power Plug Type "F")

180046 ELAN 30s with Standard Accessories - 110V (Power Plug Type "B")

Please visit our website for full details of the ErbaLisa ELISA assay range
www.immunology.erbamannheim.com