



CAAS Cube Fully-Automated ELISA System

CAAS Cube is a fully automated, single plate analysis system with spectrophotometric and optional fluorescent reading capabilities. Its compact, modular design allows several units to be networked to a single computer for data analysis, conserving bench space and allowing the system to expand with lab testing requirements. CAAS Cube comes standard with a no-spill linear shaker for speeds up to 900 RPM as well as a forced convection incubator for even heating with no edge effect.

Applications

- Water quality analysis
- Food & agricultural testing
- Veterinary analysis
- Environmental testing
- Life science research

CAAS Cube's open software with multi-language support permits use of pre-programmed Gold Standard Diagnostics test kit assays or the potential for custom assay development (contact us for details).

The fully automated CAAS Cube analyzer helps labs of all sizes easily expand their sample testing capacities and add new analyses.

Key Features & Benefits

- Compact design conserves bench space
- Schedule runs during lab downtime
- Multiplex up to 3 analytes
- Reduce operator associated testing and calculation errors
- Easy maintenance
- Field-based support team



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Ordering Information

CAAS Cube System Package includes:

- CAAS Cube analyzer
- Installation and on-site ELISA training (up to 3 operators)
- Training supplies
- Battery backup
- 1 year CAAS Cube warranty
- Netbook with MS Windows to serve as user interface

Related Products, Services and Upgrades

- ELISA plate kits
- Standards and quality control materials
- Sample collection materials
- Sample preparation reagents and accessories
- Refresher and new operator training
- CLIA reader addition (ELISA only is standard configuration) - detection type: glow, spectral range 300-500 nm, dark count

Product Specifications

Dimensions (L x W x H)	48 cm x 53 cm x 56 cm (19 in x 21 in x 22 in)
Weight (without test strip cartridge)	27 kg (60 lb)
Dispensing volume range	1 µL to 300 µL
Maximum test positions	48*
Reagent positions	24 (bottle diameter 12-35 mm) + 3 external wash bottle positions
Calculation mode	Point to point, linear regression, cubic spline, 4PL, 5 PL, Lin-Lin, Lin-Log, Log-Log
Absorbance	405, 450, 490, 550 and 630 nm (custom wavelengths also available)
Number of wash heads/probes	1 probe, dual needle
Assay vessel compatibility	Standard 96 well assay plates and strips
Incubation temperature control	Ambient to 40 °C
Electrical specifications	100 – 265 VAC, 50/60 Hz; 120 WATT max power
Compliance	CE Mark
Networking and data output	Bi-directional, RS232, USB, TCP/IP, LIS/LIMS compatible
Linear shaker speed	Up to 900 RPM

*Rack accommodates 15 mm diameter standard & sample vials up to 93 mm tall



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