

EIA Automation

GEMINI AUTOMATED EIA SYSTEM

GEMINI is a fully automated microplate processor that is compatible with all EIA assays and is pre-programmed for BioControl's TRANSIA® PLATE and Assurance® EIA assays. GEMINI offers increased capacity over other systems for high throughput testing.

GEMINI FEATURES

Full Automation of EIA Procedure

- GEMINI takes all the pipetting work out of EIA procedures including sample dispensing and reagent delivery.
- Total walk-away system – just load and leave. GEMINI's intelligent time management schedules washing, reagent addition, incubating and reading.
- Automatically analyzes data and reports positive or negative results based on controls.

Versatility to Meet Lab Demands

- Ability to perform multiple assays simultaneously – either common or different protocols.
- Continuous operation - initiate new assays, load new samples, plates and reagents during run.
- Automated resource tracking and verification ensures that all needed reagents and disposables are present in sufficient quantities before beginning assay.
- Work load optimization – automatic scheduling of runs to minimize time to results.

Unique Modular Design

- Easy service and maintenance limits down time and repair costs.
- On board computer with touch screen interface.



SPECIFICATIONS	
Capacity	Up to 192 samples and controls
Min/Max Pipetting Volumes	10µl - 300 µl with 300 µl tips and 301µl - 1000µl with 1100µl tips
Pipettor Features	Pressure monitoring, capacitive liquid level detection, tip detection, mixing, multiple dilution steps, archiving
Incubator Temperature Range	Up to 45°C ±1.5°C (with in-process temperature monitoring)
Wash Buffer Capacity	3 wash buffers
Reader Photometric Range	0 - 3.0 OD
Reader Spectral Range	400 - 700nm
Reader Accuracy	±0.005 OD or 2.5% (whichever is greater)
Unit Dimensions	97cm x 66cm x 75cm (38.2" x 26.0" x 29.5")
Part No.	78000

BIOCONTROL
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Quality System Registered to:
ISO 9001, ISO 13485

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