



## TruLogic™ Controller

The TruLogic™ Controller is powered by a DeltaV Controller capable of controlling up to eight (8) bioreactors. Each TruLogic™ Controller can be networked with additional TruLogic™ Controllers to create a control network capable of managing several hundred bioreactors. Additionally, a DeltaV ProfessionalPlus and Application Station are OPC Server II compliant and can interface through an OPC client Application to other OPC compliant platform.



### Features

- Powered by the DeltaV Controller
- Supports Modbus, DeviceNet, Foundation Fieldbus and Profibus DP remote I/O
- Controls up to eight (8) bioreactors
- Requires as few as three (3) DST's per bioreactor controlled
- Able to interface with new or existing 3rd-party devices such as controllers, analyzers and more...

### Specifications

Dimensions	24" x 24" x 8" (610 x 610 x 203 mm)
Rating	NEMA 12
Operating Temperature	0–40°C (32–113°F)
Storage Temperature	-25–70°C (-15–158°F)
Relative Humidity	5–95% (non-condensing)
Weight/Shipping Weight	60 lb/75 lb (27 kg/34 kg)
Certification	CE, EN-61010, designed for UL-508 compliance

### Components

Power	110–240 VAC, 50–60 Hz at less than 2A Redundant 24 VDC bulk power Uninterruptable power supply (UPS) is optional
Controller	DeltaV MD or MD+ controller Redundancy available
Ethernet	Primary ethernet switch with six (6) connectors Optional secondary ethernet switch
I/O Modules	Modbus, DeviceNet, Foundation Fieldbus and Profibus DP, Traditional IO
Warranty	Every TruLogic™ controller is warranted for one full year (12 months) from date of shipment against defects in material and workmanship