

# VISION200™

Advanced PLCs with an integrated operator panel graphic or touch. Snap-in I/Os to create an All-in-One; expand up to 316 I/Os

## Features:

### HMI

- Up to 255 user-designed screens
- Hundreds of images per application
- HMI graphs & Trends
- Virtual alpha-numeric keypad (in V290 & V530)
- Memory and communication monitoring via HMI - No PC needed

### PLC

- I/O options include high-speed, temperature & weight measurement
- Auto-tune PID, up to 12 independent loops
- Recipe programs and datalogging via Data Tables
- Date & Time-based control

### Communication

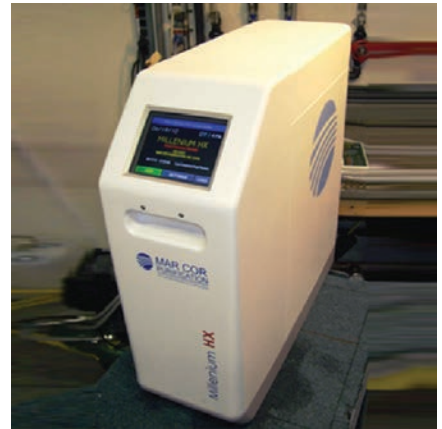
- TCP/IP via Ethernet
- Send e-mail function
- SMS messaging
- GPRS/GSM
- Remote Access utilities
- MODBUS protocol support
- CANbus: CANopen, UniCAN, CANlayer 2
- FB Protocol Utility: enables serial or TCP/IP communications with 3<sup>rd</sup>-party device; barcode readers, frequency converters, etc
- Ports: supplied with 1 RS232, 1 RS232/RS485 and 1 CANbus; 1 port may be added for serial/Ethernet
- V280-B25B & V290-B25B Not yet UL certified.

	V230™	V260™	V280™	V290™	V530™
<b>Article Number</b>	V230-13-B20B	V260-16-B20B	V280-18-B20B	V290-19-B20B	V530-53-B20B
<b>I/O Options</b>	Snap-in I/O Modules Plug these modules directly into the back of the Vision unit to create a self-contained PLC with up to 62 I/Os. Inputs may include Digital, Analog and Temperature Measurement. Outputs may include Transistor, Relay or Analog (sold separately)				
I/O Expansion	Local or remote I/Os may be added via expansion port or via CANbus				
<b>Program</b>	Application Memory				
	1MB				
Scan Time	30µsec per 1K of typical application				
Operands	4096 coils, 2048 registers, 256 long integers (32 bit), 64 double words (32 bit unsigned), 24 memory floats, 192 timers, 24 counters				
Data Tables	120K dynamic RAM data (recipe parameters, datalogs, etc.), up to 256K fixed data				
<b>Operator Panel</b>	Type				
	STN LCD	Negative blue, STN LCD	Black & White FSTN LCD		
Display Resolution & Size	128 x 64 pixels 3.2"	240 x 64 pixels 5.4"	320 x 240 pixels (QVGA), 4.7" active area	320 x 240 pixels (QVGA), 5.7" active area	
Touch Screen	None	None	Resistive, Analog		
Keys	24 user labeled keys	33 user labeled keys	27 user labeled keys	Virtual keyboard	
<b>General</b>	Power Supply				
	12/24VDC				
Battery Back-up	7 years typical at 25°C, back-up for all memory sections and real-time clock (RTC)				
Environment	IP65/NEMA4X (when panel mounted)				
Standard	CE, UL				
	Many of our products are also UL Class 1 Div 2 and GOST certified - please contact Unitronics				

# OEMs Testimonials

“ The Vision570™ is a fantastic and feature rich product! The Unitronics support team is like having a personal, well versed friend on hand. ”

Medical  
Mar Cor Purification, Inc  
Pure water and disinfection products



“ The main advantages of using the V350 is the small and compact design, a useful HMI, wide range I/O capability and SD memory card functions. ”

Food and Beverage  
ZOOTECNIKA Machinery Ltd  
Milk Pasteurizers Use Vision350™ for Machine Control and Logging Process Parameters



“ The main advantages of using Unitronics were ease of use, very fast application development and of course excellent performance/price ratio. ”

Packaging Machinery  
Kolman d.o.o.  
Packaging Machinery OEM Uses Vision570™ and Vision560™ as Primary Control

