

# ProCon Series 3000

## P<sup>2</sup>LC™



**The next generation in  
custom system controls ....**

**From JPC Controls**

### • Pre-Programmed Logic Controllers •

- No Code to Write and Support
  - No Parts to Assemble
  - Application Specific Software

### •••• Display ••••

- Standard 5.7" Diagonal
  - 1/4 VGA (320x240)
  - Super Twist
    - Blue and White Standard
    - Color Optional

### •••• Package ••••

- Semiconductor Construction
  - Full Kydex Enclosure
    - Smooth Face Design
    - Sealed Screen Area
    - Wet Bench Face Mount

### •••• Connections ••••

- All Quick Disconnects
  - Electricals use Weidmuller Type
  - Pneumatic use Twist Lock
  - T/Cs use Jacks
  - Com use DB,RJ,etc.

### •••• Communications ••••

- RS232 Standard
- RS485 Standard
- JPC Protocol Standard
- Kaijo Megasonic Protocol
- EtherNet Option

### •••• Software ••••

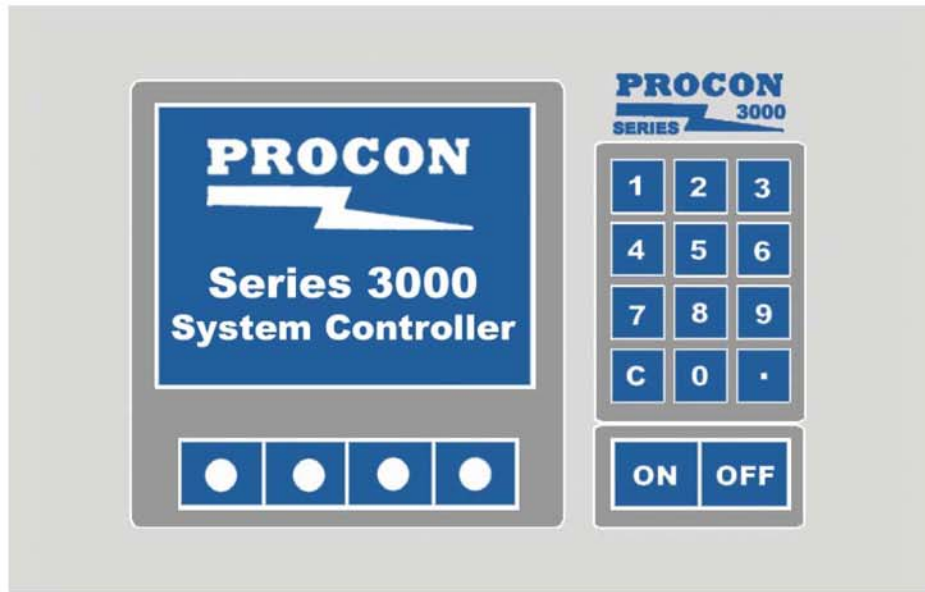
- Application Specific Routines
  - Pre-written and Debugged
  - Setup Parameter Control
    - User & Factory Configurations
    - Full Access Codes
    - Flash Programmable

### •••• Modules ••••

Timer	High Temperature Bath Controller
Dump Rinser	Subambient Bath Controller
Resistivity Monitor	Advanced Communications
Transfer Arm Controller	Flow Monitor

### •••• Future Features ••••

Device Net	Remote Heater Power Pack
SECS II	Data Logger
Output Plotter	



**SYSTEM MENU**

ALARM

(1) RINSE CONTROL  
(2) TEMPERATURE CONTROL  
(3) SYSTEM CONFIGURATION

ENTER ALARMS QDR ▾

**QDR ADMIN SETUP**

PREP DRAIN PERIOD (SEC).....10  
PREP FILL PERIOD (SEC).....10  
AUTO CLEAN TIMER (H:M).....0:00  
AUTOMATIC RESET.....YES  
NUMBER OF BEEPS BEFORE RESET...05  
STANDBY MEGASONIC WATTAGE....00  
STANDBY CASCADE.....NO  
TIME FORMAT.....SEC

EXIT HTC ▾

**QDR EDIT RECIPE**

RECIPE NUMBER.....01  
TOTAL NUMBER OR CYCLES.....XX  
START CASCADE (SEC).....XX  
START DRAIN PERIOD (SEC).....XX  
START FILL PERIOD (SEC).....XX  
CYCLE CASCADE (SEC).....XX  
CYCLE DRAIN PERIOD (SEC).....X.X  
CYCLE FILL PERIOD (SEC).....XX

EXIT COPY HTC ▾

**QDR RECIPE 01 - RUNNING**

STATUS:  
REMAINING CYCLES.....02  
MEGASONIC (WATTS)....1000  
ACTION.....START DRAIN

TIME TO COMPLETION 00:05:20

STOP HTC ABORT

**HTC RECIPE 01 - RUNNING**

TEMP: **24.3 °C**  
TIME: **18 SEC**

TIME TO COMPLETION

STOP DISPLAY SYSTEM ABORT

**HTC PROCESS MENU**

RUN DIRECT  
RUN RECIPE.....01  
MANUAL CONTROL:  
HEATER.....DISABLED  
DRAIN.....OFF  
BATH PUMP.....OFF  
INJECTION.....OFF

START BACK SYSTEM ▾

**SYSTEM MENU**

ALARM

(1) RINSE CONTROL  
(2) TEMPERATURE CONTROL  
(3) SYSTEM CONFIGURATION

ENTER ACCESS CODE

ENTER CANCEL

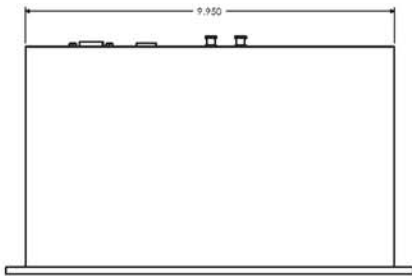
**FLASH PROGRAMMING ENABLED**

THE FOLLOWING COMMANDS ARE AVAILABLE THROUGH THE RS232 PORT AT 115200 BAUD:  
P - PROGRAM E - ERASE X - EXIT

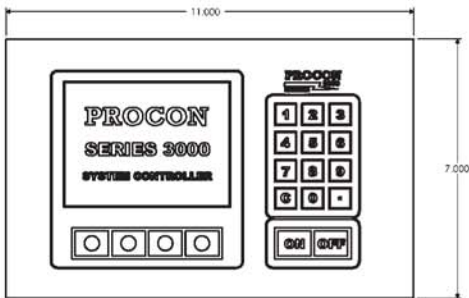


# All The Control You Need In One Flexible Unit...

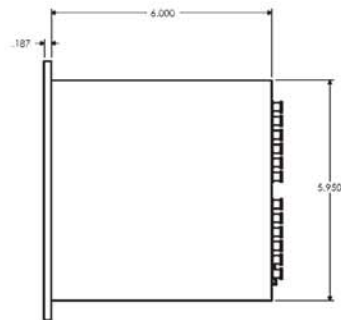
## The New Standard Is Here



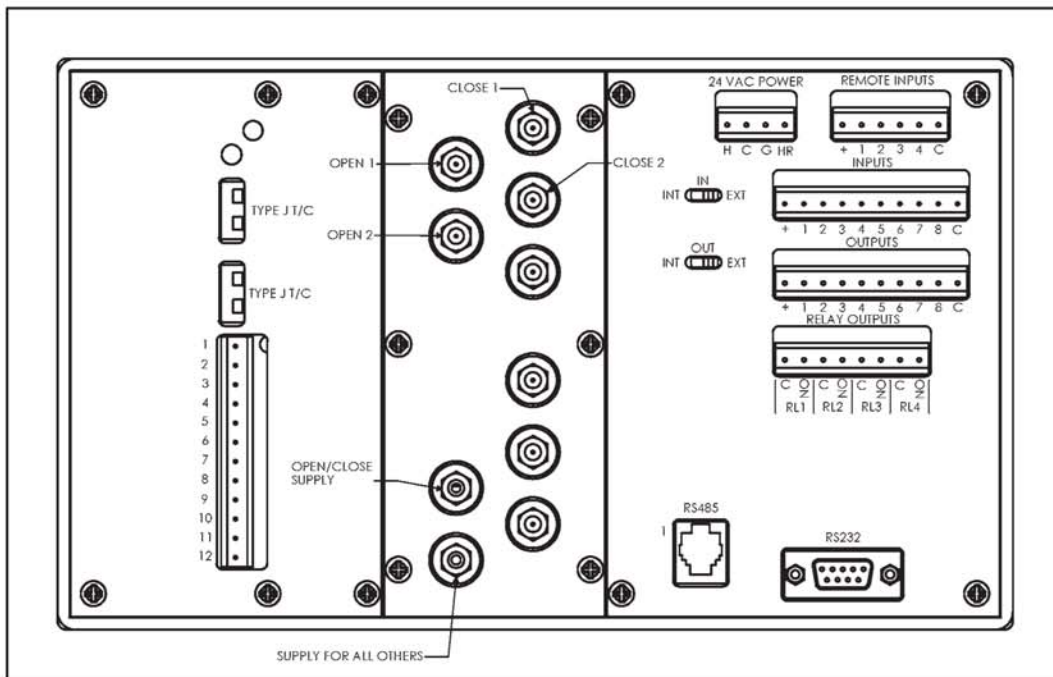
TOP VIEW



FRONT PANEL



RIGHT SIDE VIEW



LS-J3000-01-02



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