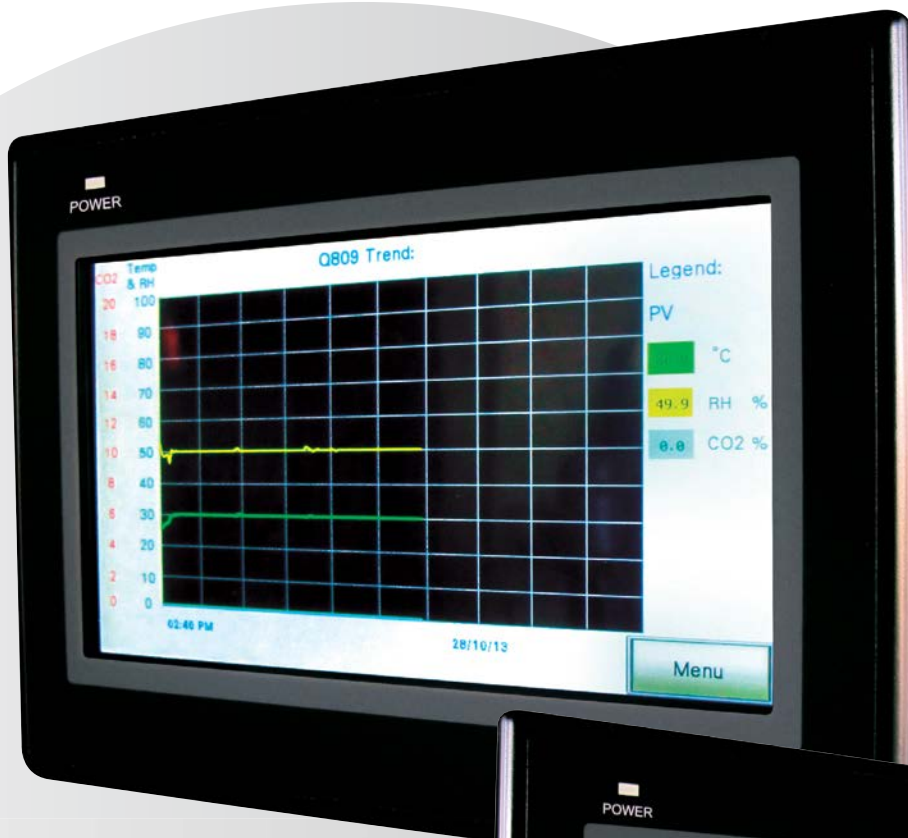


# Touch Screen Recorder / Controller



**IMAGINE**  
THE POSSIBILITIES



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd  
email: sales@labec.com.au  
Ph: 02 9560 2811 • Fax: 02 9560 6131  
www.labec.com.au

## Touch Screen Recorder/Controller

Bigger, brighter and many more functions, the new **Touch Screen Controller / Recorder** is 7 inches big with crisp lines and crystal clear display the Controller / Recorder is better than ever.

Available for use on all Labec equipment, this new model touch screen is an excellent upgrade on our environmental chambers, ultra low thermal shock testing chambers and even our autoclaves. The Controller / Recorder has USB download for data logging direct to CSV file format for producing your own traceable data records.



### BASIC FEATURES INCLUDE:

- 7 inch colour screen, crystal clear.
- Programmable settings 8 stage with loop back.
- Serial number recognition and service page.
- Multiple alarm settings and alarm logging.
- Di-urnal or switch over controls.
- Live trending on screen display.
- Calibration settings page.
- PID controller settings.
- Password protection.
- Auto-tune functions.
- USB logging to CSV.
- Real time clock.



### MENU

Large crystal clear display menu system navigates through all levels and parameters at the push of a button.



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

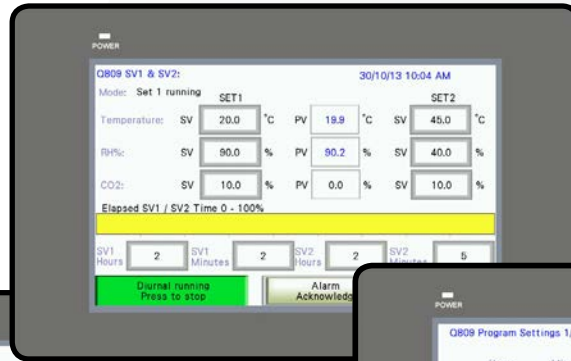
email: sales@labec.com.au

Ph: 02 9560 2811 • Fax: 02 9560 6131

www.labec.com.au

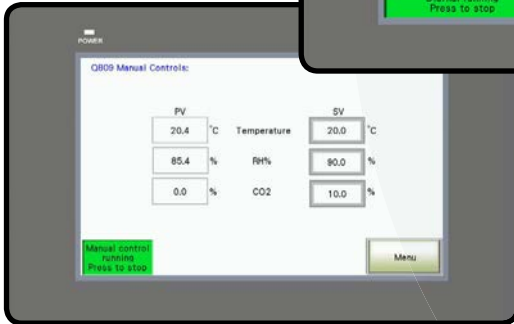
### DI-URNAL MODE

Dual set point control of temperature, time, lights, humidity and CO<sup>2</sup> if required



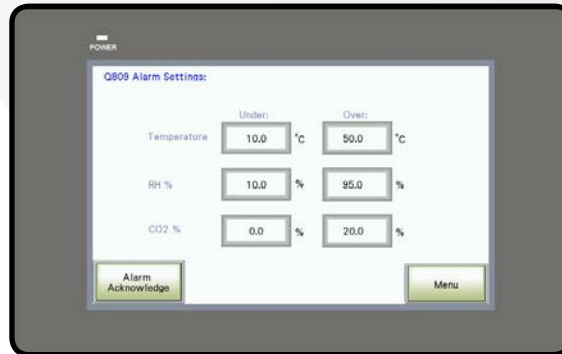
### PROGRAMME MODE

A spreadsheet style of programme settings allow easy setup of the programmes



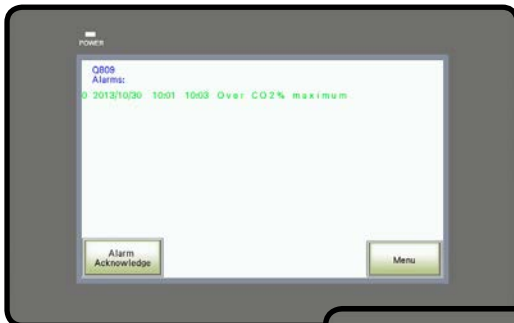
### MANUAL MODE

Manual controls made easy with a simple setup screen with either fail safe settings to revert to if a power failure occurs, or if power is lost, unit will return to the last setting at resumption of power.



### ALARM SETTINGS

Easily setup all types of alarms for all conditions inside the chamber. The unit can be connected to external monitoring or BMS systems available or phone dialing systems.



### ALARM SCREEN

A large diagnostic screen notes the alarm cause, time, date and must be cleared manually once the condition has been rectified.



### DATA LOG

The controller/recorder has fully functioning data logger built in and monitors the channels every 1 minute. Easily downloaded to a USB output in CSV format which can be printed for calibration or audit purposes.

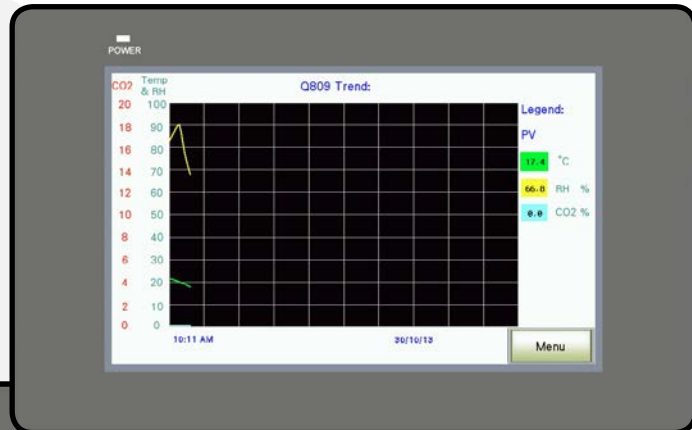


Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd  
 email: sales@labec.com.au  
 Ph: 02 9560 2811 • Fax: 02 9560 6131  
 www.labec.com.au

## TREND SCREEN

A full colour trend screen can log data live and display on the crystal clear screen.



## PARAMETER SETTINGS

Password protection gives you peace of mind over the settings in your controller.

POWER

USER LEVEL LOGIN

Username: [ ] Password: [ ]

1 2 3 CLR

4 5 6 <- Alarm Settings Alarm Logs

7 8 9 - Trend PID Settings

0 . ENTER

Screen Settings Support

## PID SETTINGS

The settings screen allows you full control over the control parameters, calibration settings and auto-tuning functions.

POWER

Q809 PID Settings:

	PV	SV	P [%]	I [S]	D [S]	Autotune Start	AT Run
Temp	16.6	20.0	10.0	300	40	AT Stopped Press to Start	AT Run
RH%	63.9	90.0	10.0	200	2	AT Stopped Press to Start	AT Run
CO2	0.0	10.0	9.0	0	0	AT Stopped Press to Start	AT Run

Start manual control!  
Manually change SV, P, I and D values.  
Run autotune - if autotune running - do not change SV until autotune completed.

Manual control stopped Press to start

Menu

## SUPPORT

The service screen provides details about the serial number of the unit and details on service department telephone numbers for arranging a service call.

POWER

For Sales & Service

**LABEC**

Laboratory Equipment Pty Ltd

Phone: 02 9560 2811  
Fax: 02 9560 6131  
Email: sales@labec.com.au  
Web: www.labec.com.au

Serial Number: Q809

Enter



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd  
email: sales@labec.com.au  
Ph: 02 9560 2811 • Fax: 02 9560 6131  
www.labec.com.au