

# LACO TECHNOLOGIES

## COMPACT VACUUM CONTROLLER

### VC-3000C

The VC-3000C Compact controller is a cost-effective tool for vacuum systems that require automation. It automates LACO's vacuum systems and enables users to create unique test recipes to meet their application requirements. The VC-3000 Compact controller includes and integrates a digital vacuum gauge with analog output and electric solenoid vacuum and vent valves for either automated mode or interlocked manual mode operation. For applications requiring automated vacuum and temperature control, LACO offers the HC-3000 controller. For pneumatically actuated valves or high vacuum applications, the VC-3000 controller offers greater flexibility along with options for custom programming.

### STANDARD FEATURES

- Program evacuation, vent and hold conditions in any sequence
- Log data to SD card (8 GB card included)
- or RS-232 interface
- Control electric valves
- Test up to 10 recipe configurations (each recipe is capable of 100 different steps)

### OPTIONAL FEATURES

- Full RS-232 serial interface control
- Ethernet interface



*VC-3000C-IE Controller*

PART NUMBER	VALVE ACTUATION	DEPTH OF VACUUM
VC-3000C-IE	Electric	760 - 1 torr
VC-3000C-ME	Electric	760 - 10 <sup>-3</sup> torr

STEP	TYPE	VAC SETPT	TRIGGER	HLD TIME
0	EVAC	50.00	VAC	00:15:00
1	EVAC	12.00	VAC	00:09:00
2	EVAC	5.00	VAC	00:13:00
3	VENT	0.00	VAC	00:00:08
4	NONE	0.00	END	00:00:00

RECIPE #: 0 TEST 0

TEST RECIPE MANUAL INFO LOGOUT

*VC-3000C Recipe Screen*

### SPECIFICATIONS

COMPONENT	DESCRIPTION
<b>CONTROL SYSTEM/ INTERFACE</b>	Micro controller with 3.5" color touch screen
<b>COMMUNICATION INTERFACE</b>	RS232/485 interface (standard), Ethernet (optional), SD card (standard)
<b>ELECTRICAL REQUIREMENTS</b>	90-250 VAC, 50/60 hz., 250 watts IEC C13 Connection
<b>DIMENSIONS</b>	8" Wide x 8" Deep x 7.5" Tall with 30° sloped mounting of display
<b>MOUNTING</b>	Table top