

# LABAID™ - PROGRAMMABLE VACUUM CONTROLLER FOR WALKAWAY AUTOMATION



- Frees up hood space
- Works with most PTFE dry pumps
- Easy to program and operate
- Self-Cleaning maintains pump efficiency

New LabAid™ Programmable Controller automates Welch DRYFAST® PTFE dry pumps or any brand dry pump with flow up to 70 L/min for vacuum within the range 1 Torr (1.3 mbar) to Atmosphere. The controller and pump combination creates an effective system for rotary evaporation, distillation, and other solvent evaporation procedures.

- Enter evaporation control parameters via the keypad or call up one of the five user stored programs and walk away. Stored programs can have one or two vacuum levels with different run times. One-touch function keys stop bumping/foaming, go to maximum vacuum, and vent to atmosphere.
- Avoid the “sawtooth” control profile of “vacuum on – vacuum off” controllers. LabAid responds to changes in application vacuum instantly with variable air bleed or vacuum to hold pressure levels absolutely steady. Patent pending.
- The Self-Cleaning function provides an automated fresh air purge for your pump at the conclusion of your programmed procedure. This removes residual vapor that could condense in the pump, damaging pump surfaces and impairing pump efficiency. Self-Cleaning and precision vacuum control reduce repairs by extending the life of diaphragms and valves. Pump shuts off at conclusion of cleaning cycle.

## Ordering Information

DESCRIPTION <sup>1</sup>	CAT. NO.
LabAid Programmable Controller, 115V, 60Hz	1640B-01
LabAid Programmable Controller 230V, 50 Hz	1640C-02

Note: 1. Includes liquid separator w/easy access jar.

To select a pump, see Rotary Evaporators application pages 2 to 5 and DRYFAST pumps on page 22.



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**Free up hood space!**

