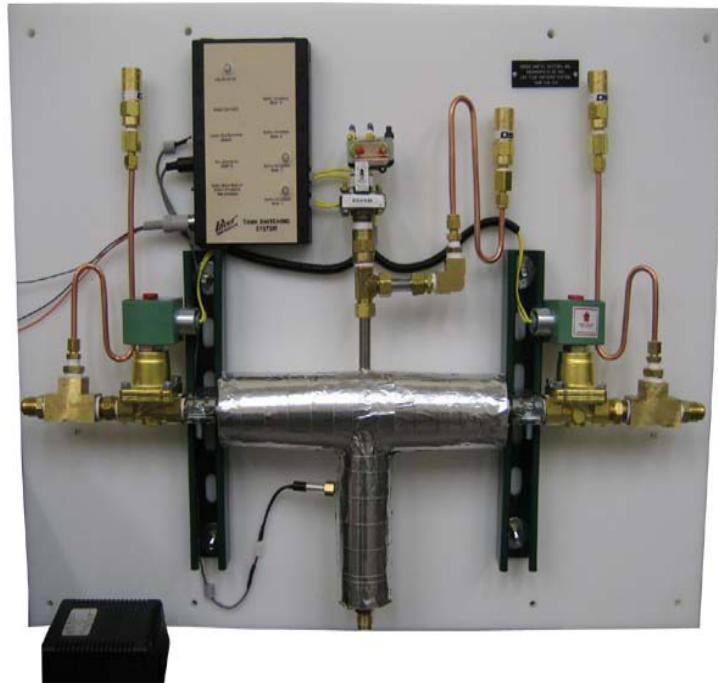




Universal Tank Switching System

for LN₂ management



- Works with any model of cryogenic freezer.
- Monitors pressure and LN₂ flow.
- Managed valve openings reduce LN₂ evaporation rate.
- Visual and audible alarms indicate when supply cylinders are empty.
- Manages from 2 to 8 supply cylinders or banks of cylinders.
- Low voltage.
- Micro-controller design allows for system flexibility .

Pacer Digital Systems, Inc.
8658 Castle Park Drive
Indianapolis, IN 46256
Tel/Fax: 317-849-7887
www.pacerdigital.com



Universal Tank Switching System

Power 25.2 VAC transformer

Alarms When all supply cylinders are empty or
When half of the supply cylinders are empty (optional)
When the system loses power
Indicated with a green flashing LED
Relay output

Options Audible Alarm

Control System Compatibility
Works with any manufacturer's cryogenic freezer.

Liquid/Gas Detection
Thermistor

Solenoid Valves that can be controlled
From 2 to 8

Start / Shutoff of Solenoid Valves
Automatic

Solenoid Valves
24 VAC, 1/2" Cryogenic
3.5 Cv Flow Rate

Dimensions
Dimensions Approximately 36" wide x 24" high for a 2 valve system
Weight Approximately 35 lbs for a 2 valve system.

Warranty
1 year

Accessories and Part Numbers
Universal Tank Switcher, 2 valves TSH-11
24 VAC Wall Transformer TSH-WT

Applications:
For use with cryo-storage systems operating at 22 psi
For use with environmental chambers -(special firmware is required)

Not for use with controlled rate freezers.