Control Panels, Full, Semi-Automated & Custom

Spec Sheet

CryoVation's offers control for just about any situation in a fill plant, from fully automated with our **Fill-Free** line to manual controls, everything in between is covered. The controls can be just a simple touch screen located on a wall to a large panel with several screens and additional options.

1.x Series

Single Product (Pure Oxygen) Semi Automated System – Pressure / Tempurature

This will sense and compute temperature/pressure calculation notifying the filler when the cylinder is full and shutting off pump. Freeing your filler to tend to other tasks while the fill process is cycling. Our System is PLC controlled and includes a color touchscreen control screen.

2.x Series

Mix Gas (Inert) Semi Automated System – Pressure / Tempurature

This will sense and compute temperature/pressure calculation notifying the filler when the cylinder is full and shutting off pump. Our System is PLC controlled and includes a color touchscreen control screen.

3.x Series

Mix Gas (Inert) Semi Automated System – Gravimetric (Fill by gram we

This system will include all the benefits in Fill-Free 2 + a gravimetric fill e
cylinder(s) and scales for high accuracy mixes.

Digital pressure meter

4.x Series

Fully Automated Pure Oxygen Fill System

Custom programmed for your oxygen filling needs, recipe-based filling, pressure/temperature, large color touchscreen HMI.

5.x Series

Fully Automatic Mix Gas Cylinder Filling Control System

5 gas mixture capability, to provide completely automatic, unattended, gravimetric filling of industrial & UHP filling needs.

Control Panels, Manual

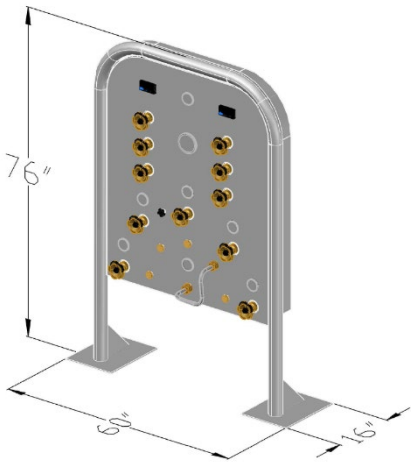
Spec Sheet

CryoVation's DIMIX-5 is one of our most popular products and a staple in most fill plants that are not fully automated. Simplex or duplex, manual or fully automated, pressure /temp or gravimetric, the DIMIX-5 (Gases) will grow with your business.

Shown below as a DIMIX-5 Duplex with Generant master valves and 5 pump start/stops:

- **Gauge, Reference for Manifold**
  (2.5" 0-5000 PSI, 2% Accuracy)
- **Gauge, Digital Meter**
  (4-20 mA Output, DP25B-E, LED)
- **Pump (s) Start/Stops**
- **Valve, Master**
  (Valve Brand options available)
- **Gauge, Vacuum**
  (4", 30" Hg – 0 – 30 PSI, 0.5% Accuracy)
- **Valve, Swing Arm Vent**
  (1/4" Connection, Stainless Steel)
- **Valve, Master**
  (Valve Brand options available)
- **Gauge, Reference for Product**
  (2.5" 0-5000 PSI, 2% Accuracy)
- **Product Swing Arm**
  (SS Design with Brass Fittings, 10" CTC)
- **Aluminum Design**

Check valves and low temperature safety switch (s) included



All CryoVation control systems are available with Full or Semi-Automated Fill-Free packages.