



MegaLink Host



MegaLink 2

Interface Between POU & CDU

The MegaLink 2 system provides interfacing for status and demand handshake signals between Chemical Dispense Units (CDUs) and multiple Points-of-Use (POU) tools. The MegaLink 2 system also provides a status and control interface between CDUs and Valve Manifold Boxes (VMBs) that feed the POU process equipment.

Advantages

- Handshake signals between CDUs and multiple POUs
- Highly configurable
- Ethernet communication protocol

Applications

- Large and small-scale chemical-mechanical planarization (CMP) fabs
- Multiple global loop support

Advanced Communication

The highly configurable MegaLink 2 system offers Ethernet communication for multiple global loops, collecting and transmitting status and controls of VMBs, as well as safety signals.

- Fully configurable Inputs/Outputs(I/Os), such as safety interlocks and valves
- Can control VMBs from multi-source delivery solutions through hardware & software handshake signals
- Touch-screen monitor included with host

Optional Features

- Redundant communications
- Redundant AC power supply
- Redundant Process Logic Controllers (PLCs)

Expansive Configuration

Take control and automate factory chemical delivery with a system customized to support it.

- Host controls up to 8 remote units
- Multiple I/O configuration sizes to fit large or small-scale factories
- Supports up to 128 different global loops and associated CDUs & POUs
- Supports up to 128 VMBs with a maximum of 12 fully configurable sticks, or 128 manually controlled Tee Valve Boxes (TVB)
- Redundant DC power
- Supports up to 32 Chemical System Shutdown (CSS)