
GILSON ENGINEERING CHEMICAL INDUSTRY GUIDE



Instrumentation and Control Products the Chemical Industry...

PITTSBURGH, PA

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COLUMBUS, OH

2697 Sawbury Blvd
Columbus, OH 43235-4582
p (614) 889-2150
f (614) 889-6038

CLEVELAND, OH

4160 Greenwood Oval
North Royalton, OH 44133
p (440) 543-0300
f (440) 543-1230

CINCINNATI, OH

10984 Main St #1
Cincinnati, OH 45241
p 800-860-4499
f (412) 348-3042

CHARLESTON, WV

3501 MacCorkle Ave SE #143
Charleston, WV 25304
p (304) 342-0012
f (304) 342-0085

TOLEDO, OH

26953 Mingo Drive
Perrysburg, OH 43551
p (419) 874-1178
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ORLANDO, FL

144 Harston Ct
Heathrow, FL 32746
p (407) 444-0334
f (407) 444-0335

TAMPA, FL

6329 Knob Tree Drive
Lithia, FL 33557
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f (407) 444-0335

MIAMI, FL

1155 97th St #201
Bay Harbor Is, FL 33154
p 800-860-4499
f (407)-444-0335

LOUISVILLE, KY

711 Bass Lane
Shelbyville, KY 40065
p 800-860-4499
f (502)871-4071

1. Product Storage, Holding, Mixing and Day Tanks and Tank Farms



Overfill prevention –Thermo Scientific(formerly TN Technologies), Siemens-[LR250](#)

Level gauging –[Thermo Scientific Density Pro](#), Siemens [LR250](#), Quest-Tec Solutions [Magne-Trac](#)
Nitrogen blanketing – Jordan Valve [MK608](#) , MSA [Gas monitor](#)

Mixer speed/horsepower measurement – [AI-Tek](#) & Turck [Speed monitors](#), Moore Industries [Power and current monitors](#)

Gas leak detection- MSA [Gas monitors](#) , [General Monitors](#)

2. Transfer Pipelines



Flow measurement – FCI [thermal gas meters](#), Siemens [Pressure](#), Siemens [5100 Mag Meter](#)

Pressure reduction – Jordan Valve [MK 60](#) Regulator

PH/ORP/conductivity/DO measurement ECD [T80](#), Insite [Analytics](#), Signet [Analytics](#)

Density/Specific Gravity – Thermo Scientific [Nuclear PNF](#), Siemens Coriolis [FC 430](#), Rhosonics [Ultrasonic Density Analyzer](#)

Pressure control– [Jordan Valve regulator](#), Siemens [DS3 Pressure Transmitter](#)

3. Reactors

Overfill prevention –Thermo Scientific(formerly TN Technologies), Siemens-[LR250](#)

Level gauging – [Thermo Scientific Density Pro](#),
Siemens [LR250](#), Quest-Tec Solutions
[Magne-Trac](#)

Temperature measurement – [Moore Industries](#)
[Transmitters](#), Smart Sensors [T/C's & RTD's](#)

PH/ORP measurement – ECD [T80](#)

Batch interface detection – Siemens-[LG 250](#),

Mixer speed/horsepower measurement – [AI-Tek](#) &
Turck [Speed monitors](#), Moore Industries
[Power and current monitors](#)

Pressure measurement – Siemens [DS3 Pressure](#)
[Transmitter](#), ITT Neo-Dyn [Pressure](#)
[Switches](#)



4. Heat Exchangers

Temperature control valves - Jordan Valve [MK 80 Temperature](#)
[Regulator](#)

Pressure – Jordan Valve [MK 60 Regulator](#), Siemens [DS3 Pressure](#)
[Transmitter](#), ITT Neo-Dyn [Pressure Switches](#)

Flow measurement – Siemens [5100 Mag Meter](#), Siemens [DS3 Pressure](#)
[Transmitter](#)

Flow alarms – FCI [FLT93 Flow Switch](#)

Temperature measurement – [Moore Industries](#)
[Transmitters](#), Smart Sensors [T/C's & RTD's](#)

5. Vapor Recovery, Flare Stacks/ Thermal Oxidizers

Oxygen & LEL Measurement systems – MSA [Gas monitors](#) , [General Monitors](#)

Flare Stack Flow Measurement – FCI [thermal gas meters](#)

Combustion Air Flow Measurement - FCI [thermal gas meters](#), Siemens [DS3 Pressure Transmitter](#)

6. Utilities :

Boilers

Pressure Measurement & Alarming – Siemens [DS3 Pressure Transmitter](#),
ITT Neo-Dyn [Pressure Switches](#)

Drum & Feedwater Heater Levels - Siemens-[LR250](#), Jordan Valve feedwater
[MK-33](#)

Oxygen & LEL detection – MSA [Gas monitors](#) , [General Monitors](#)

Compressors

Overspeed & Underspeed Alarms – [AI-Tek](#) & Turck [Speed monitors](#),
Moore Industries [Power and current monitors](#)

RPM Measurement – [AI-Tek](#) & Turck [Speed monitors](#), Moore Industries
[Power and current monitors](#)

Bearing & Oil Temperature Monitors – ITT Neo-Dyn,



7. Valves

Positioners (Smart and Traditional) – Siemens [PS2](#)

Regulators – Jordan Valve [Regulators](#)

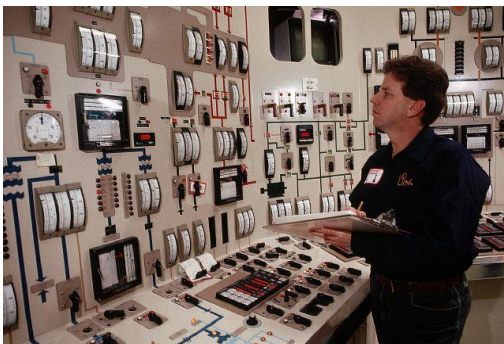
Control - Jordan Valve [Control Valves](#)

8. Health, Safety and Environmental

Confined Space Monitors and portable instruments –
MSA [4XR](#)

Ambient Monitors for Toxic Gases – MSA [Gas monitors](#), [General Monitors](#)

Effluent flowmeters – Siemens [LUT 400 Series](#)



9. Panel Instruments and Controls

Digital Displays – Precision Digital [Displays](#)

Recorders – [Gilson Paperless Recorder](#)

Process Indication – [Precision Digital](#)

Alarms and Annunciation- [Precision Digital](#), E2S [Warning Signals](#)