

Carbon Dioxide Feed Systems



Carbon Dioxide is an effective chemical that is used frequently for alkalinity adjustment in water and wastewater treatment. The consistency and reliability of the carbon dioxide performance is often dependant upon the chemical feed equipment that meters it into the process.

Metcon's pressurized feed system is a premium solution for metering Carbon Dioxide. It is a custom designed, factory assembled and tested system that offers SAFE and ACCURATE metering in corrosion control, lime softening, and effluent pH discharge applications. Our systems are ideal for both small cylinders and large bulk storage tanks.

CO2 treatment consistency and reliability

USING THE MASS FLOW PRINCIPLE OF MEASUREMENT WITH AN INTEGRAL CONTROL VALVE FUNCTION, OUR SYSTEMS WILL GIVE THE OPERATOR:

- Precise pH control
- Accurate feed rate measurement & feedback ($\pm 1\%$ of rate)
- Flexibility with wall mounted panels & free standing skids

SYSTEM CUSTOMIZATION BASED ON:

- Flow rates ranging from 6Kg/h to 2,275 Kg/d
- Specific footprint requirements
- Plant redundancy standards
- Choice of automatic or manual system control

The system also provides a two stage regulator for constant pressure regardless of inlet fluctuations, back flow regulators on the outlet, and by-pass valve arrangements for manual control.

*Also available for Ammonia

ALSO FROM METCON:

- pH meters and controllers
- Liquid, gas & dry chemical feed systems
- Water & Wastewater process treatment
- Chemical storage tanks & scales



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