DRINKING WATER APPLICATION:

CO_2 For pH Adjustment

The Most Efficient Use of Carbon Dioxide Gas

Pure CO_2 Injection

pH Adjustment

Lime Softening Recarb.

Water Stabilization

ECO_2
www.eco2tech.com

Groundbreaking New Method for Dissolving CO_2 In Recarbonation for Lime Softening Processes

Lime softening processes for drinking water include a step for pH adjustment, after settling. Gaseous Carbon Dioxide (CO_2) is a simple and affordable alternative to acid, but it is often used inefficiently – wasting CO2 gas, requiring too much energy, or the need to use finished water for the carrier stream.

The Speece Cone, by ECO_2, has been proven to be the most effective gas dissolution system for over 20 years. Whether the process is to dissolve oxygen in wastewater or polluted waterways, ozone for disinfection, methane in the oil sector, or carbon dioxide for pH adjustment – ECO_2 is the leader in dissolving gases.

Several technologies exist for CO_2 addition, but for the most efficient use of your CO_2 gas and power costs, ECO_2 is the solution:

- Highest Efficiency, >99%
- Less Power / Smaller Pump
- Dirty Water? – OK!
- No Fouling, No Clogging
- Simple, Elegant Process
- Smaller Footprint
- Lowest Maintenance
- Lowest Total Cost of Ownership
- In-pipe, No Basin/Channel

Speece Cone by ECO_2