

# ACS

## Assured Compliance pH Neutralization System



### Standard Features and Benefits

- Flow rate of up to 300 GPM and a pH of 1-14
- Assured Compliance Control Technology
- Passive Equalization Chamber
- Multi-Chamber Treatment Tank
- Heavy-duty Gear Mixer
- Recirculation Loop Reagent Injection
- Recirculation Loop Flow Fault Detection
- Wet-Tap with self cleaning pH Probe
- High Efficiency Proportional Metering Pumps
- Large Out-of-Spec Retention Volume

### Available Options

- Single or Dual Stage Treatment
- Additional Diversion Storage Tanks
- Pump Transfer Lift Stations
- Instantaneous & Total Flow Monitors
- Effluent Temperature Monitor
- Redundant pH probes
- Passive Tank pH Adjustment
- Full Range of Analytical Monitors
- Effluent Sampling Systems
- SCADA Interface
- Bulk Reagent Transfer Systems

# ACS Assured Compliance pH Neutralization System

The Assured Compliance System (ACS) treats continuous flow streams employing hybrid batch technology developed by Burt Process Equipment, the leader in pH neutralization systems for over forty years. The new ACS series neutralization systems accept wastewater on a continuous basis at a flow rate of up to 300 GPM and a pH of 1 – 14.

Unlike typical continuous flow systems, the ACS provides the monitored assurance of a properly treated waste stream through the use of freeboard and flow diversion and includes an alarm annunciator should an out-of-range pH condition occur.

## **STATE OF THE ART FLOW THROUGH pH NEUTRALIZATION SYSTEM**

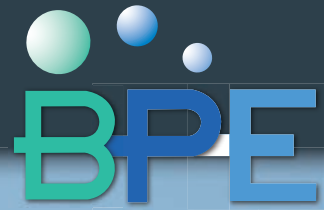
**For more information and complete specifications visit our website at [www.phplus.com](http://www.phplus.com) or contact your local Burt Process Engineer**

### Other Pre-Engineered Neutralization Packages:

pH Plus - Compact, Modular, Affordable pH Modules with flow rates from 5-50 GPM

Lab MASTER - Specifically designed for Lab Streams containing high purity water to 500 GPM

Spec MASTER - Single and dual stage systems for continuous flow or batch operation



Headquarters: Connecticut  
100 Overlook Drive  
Hamden, CT 06514

Tel: 203-287-1985  
Fax: 203-288-7354  
Email: [edsimpson@burtprocess.com](mailto:edsimpson@burtprocess.com)

New England  
Tel: 978-649-9660  
Email: [ronbelling@burtprocess.com](mailto:ronbelling@burtprocess.com)

Mid-Atlantic  
Tel: 717-792-6950  
Email: [joewebb@burtprocess.com](mailto:joewebb@burtprocess.com)

New York  
Tel: 203-815-0358  
Email: [andycornell@burtprocess.com](mailto:andycornell@burtprocess.com)

California - NEW LOCATION  
Tel: 415-234-6914  
Email: [britnilaflamme@burtprocess.com](mailto:britnilaflamme@burtprocess.com)