

ECONO pH Neutralization System



LT Technologies line of versatile continuous flow and batch style ECONO pH Neutralization systems meets all of your economic and compliance requirements.

ECONO Features and Benefits:

- E** - Efficient design, simple & durable.
- C** - Cost-effective, long-term solutions. The highest-quality, lowest cost option out there.
- O** - Options: many ECONO Series RO Systems means we have a system to meet your needs.
- N** - Never alone: remote and onsite 24-hour service, we are your total solutions vendor.
- O** - On budget, on-time delivered solutions to meet your product and financial needs.

Our ECONO pH Neutralization systems feature a compact design, pre-plumbed, pre-wired, and have all of the components specifically located for easy access and inspection.

Continuous Flow

SINGLE & DUAL STAGE: Single or two stage stage available

EASY CALIBRATION pH CONTROLLERS: The highly reliable automated easy-calibration controller features automatic buffer recognition for mistake proof pH sensor calibrations.

AMERICAN MADE PLC BASED CONTROLLER: Each system is equipped with a fully automated PLC based controller to facilitate all operational functions.

CHEMICAL INJECTION PUMPS: Highly reliable proportional controlled chemical injections pumps to feed acid and/or caustic.

SLOW SPEED AGITATION: Gear operated mixer units used to ensure proper solution agitation.

CORROSIVE RESISTANT TANKS: Molded (HDPE) high density polyethylene plastic holding vessels. Custom polypropylene welded tanks are available.

Our ECONO Continuous Flow pH Neutralization System standard models:

MODEL NUMBER:	GALLONS PER MIN (avg.)	GPM (max)
LT-PH-15	15 GPM	25 GPM
LT-PH-30	30 GPM	40 GPM
LT-PH-60	60 GPM	80 GPM



ECONO pH Neutralization System



▲ In-Line Static Mixer

▼ Chemical Injection Pumps



Batch Style

FLEXIBLE DESIGN: The batch style pH Neutralization systems can be operated as a dedicated volume or continuous flow process.

CHEMICAL INJECTION PUMPS: Highly reliable proportional controlled chemical injections pumps to feed acid and/or caustic.

CORROSIVE RESISTANT TANKS: Molded (HDPE) High density polyethylene plastic holding vessel.

AMERICAN MADE PLC BASED CONTROLLER: Each system is equipped with a fully automated PLC based controller to facilitate all operational functions.

EASY CALIBRATION pH CONTROLLERS: The highly reliable automated easy-calibration controller features automatic buffer recognition for mistake proof pH sensor calibrations.

CORROSIVE RESISTANT RECIRCULATION PUMP: Is used for solution agitation and discharge once within pH specification.

Our ECONO Batch Style pH Neutralization system standard models:

MODEL NUMBER:	GALLONS PER DAY (approx.)
LT-PH-500	500 GPD
LT-PH-1500	1,500 GPD
LT-PH-2500	2,500 GPD
LT-PH-4000	4,000 GPD

LT Technologies offers cost effective, pH Neutralization systems solutions for designs and flows not illustrated within this data sheet.

Upgradable Options:

FINAL RECORDING: LT Technologies offers a final discharge pH and flow monitoring and recording upgrade to the existing controls package.



LT Technologies
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