



## System Features

- Skid Mounted
- Turnkey Construction
- Minimal Installation Time
- Integral Drip/Spill Containment
- NEMA 4X Electrical Components
- Small Foot Print
- Easy To Service
- State-Of-The-Art Controls

labTREAT systems are specifically designed to handle the unique characteristics of laboratory and research effluent streams.

All systems feature state-of-the-art instrumentation and control systems using our proprietary “Optimized Hybrid Batch” pH adjustment technology.

Completely automated operation requires no operator attention other than periodic instrumentation calibration and maintenance. Remote monitoring via facility SCADA, building management system, or Internet link is available.

### Standard Materials of Construction \*

Treatment Tank: Polypropylene / FRP  
 Reagent Tank(s): Polypropylene / PE  
 Pump(s): CPVC / Polypropylene  
 Piping: PVC / CPVC / Polypropylene  
 Valves: PVC / CPVC / Polypropylene  
 Skid: Epoxy Coated CS  
 Containment: Polypropylene

\* Alternate materials of construction available upon request



200 GPM Laboratory Waste Neutralization System

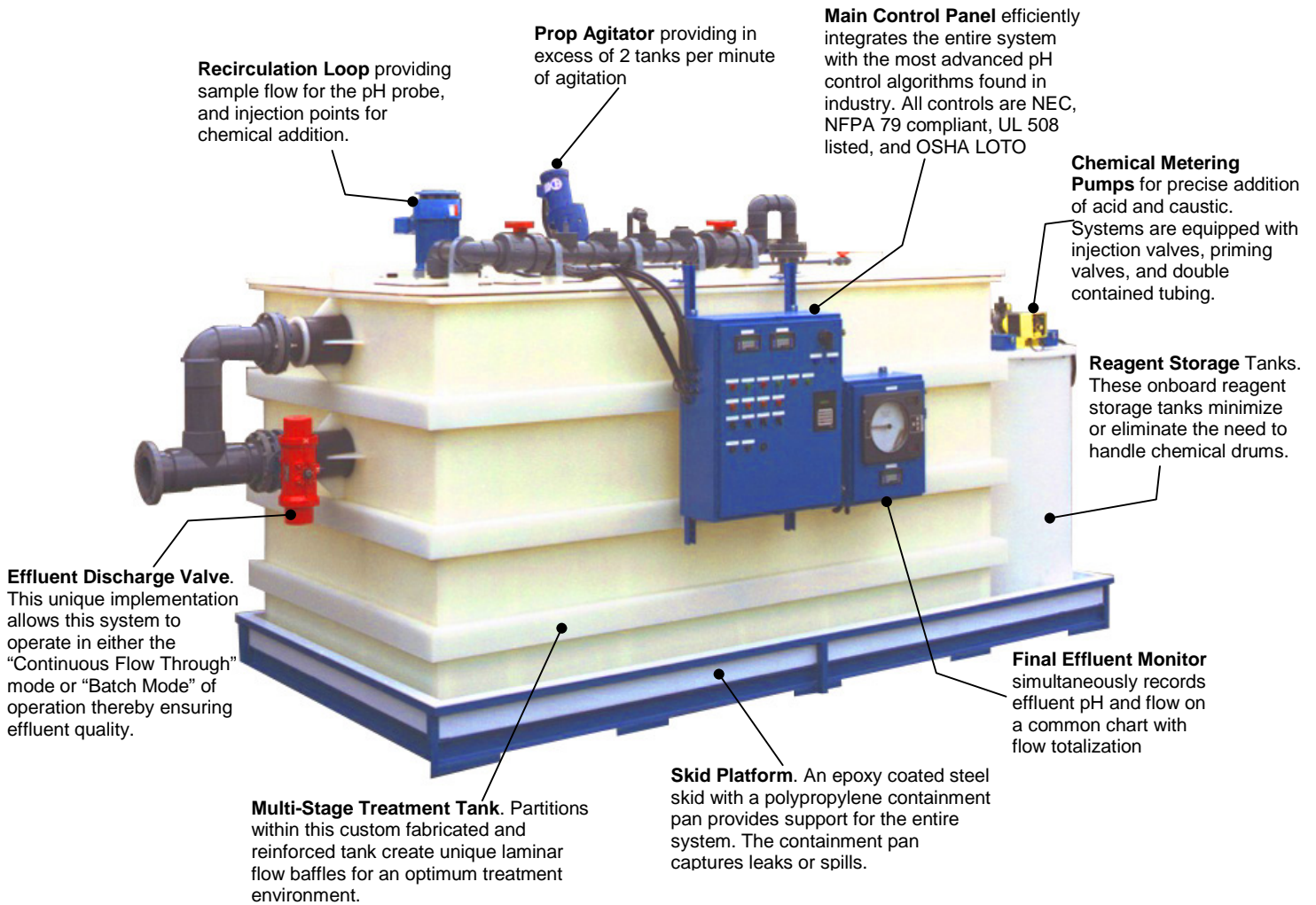
### Optional Equipment

- Influent Equalization
- Influent / Effluent Lift Stations
- Final Effluent Monitoring
- Final Effluent Sampling
- SCADA System Monitoring
- Duplex Systems for Redundancy
- Bulk Chemical Delivery
- On Board Chemical Storage
- Explosion-Proof Design
- Two, Three and Four Stage Systems Available

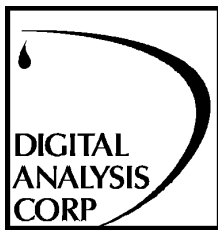
| MODEL | Max Average Flow*<br>(GPM) | Max Peak Flow*<br>(GPM) | Dimensions            | Port Size      |
|-------|----------------------------|-------------------------|-----------------------|----------------|
| LT05  | 5                          | 15                      | 30"x40"x52" (H)       | 1 1/2" Flanged |
| LT010 | 10                         | 15                      | 36" x 48" x 60" (H)   | 2" Flanged     |
| LT025 | 25                         | 40                      | 60" x 120" x 80" (H)  | 4" Flanged     |
| LT050 | 50                         | 75                      | 60" x 144" x 80" (H)  | 4" Flanged     |
| LT075 | 75                         | 110                     | 72" x 144" x 80" (H)  | 6" Flanged     |
| LT100 | 100                        | 150                     | 72" x 158" x 84" (H)  | 6" Flanged     |
| LT125 | 125                        | 187                     | 84" x 158" x 96" (H)  | 8" Flanged     |
| LT150 | 150                        | 225                     | 84" x 158" x 96" (H)  | 8" Flanged     |
| LT200 | 200                        | 300                     | 84" x 172" x 100" (H) | 10" Flanged    |

Systems handling flows to 2,000 gpm are also available.

# Highlights and Features of a typical *labTREAT* pH Adjustment System



**Digital Analysis** also manufactures complete wastewater treatment plants to reduce parameters such as heavy metals (Pb, Sn, Ni, Cu, Cr+6, etc.). We also manufacture fluoride (F-) reduction systems, TSS & TDS reduction, cyanide destruct, etc.



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