The LabDELTA® Plus is a skid-mounted pH adjustment system that is designed for neutralizing small-volume laboratory process wastewater. This continuous system uses two active treatment stages along with effluent pH monitoring to ensure that the wastewater will be at a safe discharge pH before entering the sewer line.

Specifications
- Inlet pH range 2 - 12
- Flows up to 3 gpm
- Inlet temperatures up to 160 °F
- Fabricated polypropylene tanks and skid
- Double-contained reaction tanks with leak switch
- Skid-mounted design, ready to install
- Factory piped, wired, and tested before shipment
- Indoor installation

Standard Features
- UL-Listed control panel
- NEMA 4 powder-coated steel enclosure
- PLC-based control system with 7” color touchscreen HMI with built-in remote access via Ethernet
- Dry contacts for common alarm, influent permissive, and pH out of range
- Run permissive for remote enable/disable
- pH probes in reaction tanks and monitoring tank
- Discharge pH monitoring, trending and logging
- Double-contained 14-gallon acid and caustic chemical day tanks
- PVC metering pumps
- Seismic tie-downs
- Gravity discharge

Power Requirements
- 115 VAC, 1 phase, 60 Hz, 20 Amps (gravity discharge)
- 115 VAC, 1 phase, 60 Hz, 30 Amps (pumped discharge)

Optional Features
- Pumped discharge with two horizontal centrifugal pumps rated for 3 gpm at 30’ TDH
- Discharge flowmeter recording with flow totalization, trending, and logging
ORDERING INFORMATION

LDP  LabDELTA® Plus

Discharge Type (Choose One)
- G  Gravity Discharge
- P  Pumped Discharge (Two pumps)

Treatment Chemicals (pH Range) (Choose One)
- A  Acid Addition (for high pH wastewater, with pH between 7 and 12)
- B  Acid and Caustic Addition (for wastewater with pH between 2 and 12)
- C  Caustic Addition (for low pH wastewater, with pH between 2 and 7)

Flow Direction (Choose One)
- LR  Left to Right
- RL  Right to Left

Options
- FL  Discharge Line Flow Meter

LDP-G-B-LR-FL

DIMENSIONS AND TECHNICAL INFORMATION

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<thead>
<tr>
<th>PART NUMBER</th>
<th>DIMENSIONS</th>
<th>DRY WEIGHT</th>
<th>OPERATING WEIGHT</th>
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<tr>
<td>LDP-P/LDP-P-FL</td>
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NOZZLE SCHEDULE

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<tr>
<td>N2</td>
<td>3/4&quot; FLG</td>
<td>DISCHARGE (PUMPED)</td>
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<td>N6</td>
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Specifications subject to change without notice
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