

# GelDrop<sup>®</sup> Applicator

The GelDrop<sup>®</sup> Applicator is the leading gel delivery system designed to optimize topical application of biologics, nutrients, and hydration supplementation for day old chicks and poults using double-phase gel technology.



## CLEARLY BETTER GEL DELIVERY

### Droplet Size & Adhesion

- Quad, independent manifold heads.
- Adjustable air pressure efficiently delivers a range of gel viscosities.
- Droplets are distributed that stick on contact, eliminating roll off.



### Droplet Distribution

- Quad, independent manifold heads provide variable size droplets.
- Adjustable height applicator bar adapts to any conveyor configuration.
- Programmable gel delivery volume provides flexibility to meet treatment needs.
- Variable droplet distribution promotes preening.

### Homogeneous Ingredient Suspension

- Supports double-phase gel technology.
- GelDrop<sup>®</sup> stabilizer system maintains homogeneous suspension.

### Non-Wicking/Wetting

- The GelDrop<sup>®</sup> Technology formulation has high water retention properties.
- High droplet surface tension minimizes wetting.



## Ordering Information

GelDrop<sup>®</sup> Applicator - 91-01  
1 box

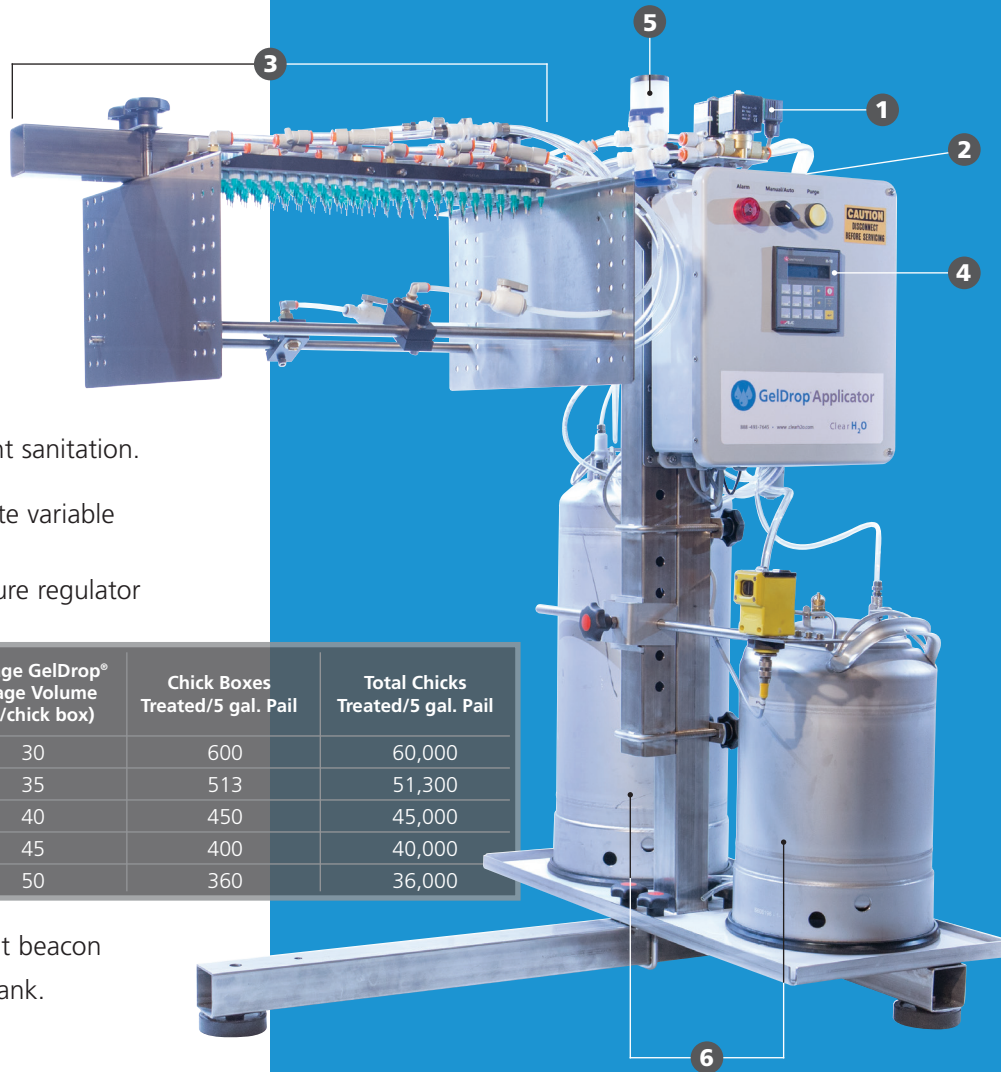


## System Features

- ✓ Pneumatic GelDrop® Delivery System. No moving parts.
- ✓ Ruggedly engineered for reliable, high volume hatchery processing.
- ✓ Stainless steel construction.
- ✓ Modular, snap-connect design for easy assembly, cleaning and maintenance.
- ✓ Flexible Clean in Place (CIP) and component sanitation.

- 1 Programmable solenoids to accommodate variable conveyor speeds.
- 2 Pneumatic air hook up. Adjustable pressure regulator (rated up to 142 psi) providing flexible dispensing dosage volume up to 60 mls.
- 3 Quad, independent 3-row manifold heads engineered for variable nozzle size and reactant spray assembly.
- 4 Digital display, counter, and user interface.
- 5 Programmable low-and empty-alarm light beacon
- 6 5 gallon gel tank and 3 gallon reactant tank.

Average GelDrop® Dosage Volume (mls/chick box)	Chick Boxes Treated/5 gal. Pail	Total Chicks Treated/5 gal. Pail
30	600	60,000
35	513	51,300
40	450	45,000
45	400	40,000
50	360	36,000



## System Specifications

Electrical Connection 120V AC  
 Compressed Air Connection 1/4" OD  
 Weight 87 Lbs (39.5 Kg)

Height 36-51 "  
 Width 28 "  
 Depth 41 "

Pressure Tank Wt (5 gal) 20 lbs (9.07 Kg)  
 Pressure Tank Wt (3 gal) 15 lbs (6.8 Kg)  
 Flow Rates up to 60 mls  
 Max PSI 142 PSI

## Company Information

ClearH<sub>2</sub>O® is committed to providing products that improve the welfare and productivity of poultry. We offer poultry breeders and producers gel products that support the optimum delivery of hydration, nutrients, biologics and therapeutic ingredients to chicks and poults. Our proprietary product formulations and manufacturing process results in unsurpassed product consistency and convenience.

[www.clearh2o.com](http://www.clearh2o.com)