The Pulsatron Series E Plus offers manual control over stroke length and stroke rate as standard with the option to choose between 4-20mA and external pace inputs for automatic control.

Twenty distinct models are available, having pressure capabilities to 300 PSIG (21 BAR) @ 3 GPD (0.5 lph), and flow capacities to 600 GPD (94.6 lph) @ 30 PSIG (2 BAR), with a turndown ratio of 100:1. Metering performance is reproducible to within ±2% of maximum capacity. Please refer to the reverse side for Series E PLUS specifications.

### Features
- Automatic Control, available with 4-20mA direct or external pacing, with stop function.
- Manual Control by on-line adjustable stroke rate and stroke length.
- Highly Reliable timing circuit.
- Circuit Protection against voltage and current upsets.
- Panel Mounted Fuse.
- Solenoid Protection by thermal overload with auto-reset.
- Water Resistant, for outdoor and indoor applications.
- Indicator Lights, panel mounted.
- Guided Ball Check Valve Systems, to reduce backflow and enhance outstanding priming characteristics.
- Safe & Easy Priming with durable leak-free bleed valve assembly (standard).

### Controls
- **Manual Stroke Rate**
  - Turn-Down Ratio 10:1
- **Manual Stroke Length**
  - Turn-Down Ratio 10:1
- **4-20mA Direct or External Pacing with Stop**
  - Automatic Control

### Operating Benefits
- Reliable metering performance.
- Rated “hot” for continuous duty.
- High viscosity capability.
- Leak-free, sealless, liquid end.
Specifications and Model Selection

<table>
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<th>MODEL</th>
<th>LPK2</th>
<th>LPB2</th>
<th>LP2A</th>
<th>LP2B</th>
<th>LP3A</th>
<th>LP3B</th>
<th>LP4A</th>
<th>LP4B</th>
<th>LP5H</th>
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**Engineering Data**

**Pump Head Materials Available:**
- GFPPL
- PVC
- PVDF
- 316 SS

**Diaphragm:**
- PTFE-faced CSPE-backed

**Check Valves Materials Available:**
- Seats/O-Rings: PTFE, CSPE, Viton
- Balls: Ceramic, PTFE, 316 SS, Alloy C

**Fittings Materials Available:**
- GFPPL
- PVC
- PVDF

**Bleed Valve:**
Same as fitting and check valve selected, except 316SS

**Injection Valve & Foot Valve Assy:**
Same as fitting and check valve selected

**Tubing:**
- Clear PVC
- White PE

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company, Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

## Dimensions

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**Pre-Engineered Systems**
Pulsafeeder’s Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.

**Custom Engineered Designs – Pre-Engineered Systems**

**Engineering Data**

**Reproducibility:** +/- 2% at maximum capacity

**Viscosity Max CPS:**
For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material.

**Stroke Frequency Max SPM:**
125

**Stroke Frequency Turn-Down Ratio:**
10:1

**Stroke Length Turn-Down Ratio:**
10:1

**Power Input:**
- 115 VAC/50-60 HZ/1 ph
- 230 VAC/50-60 HZ/1 ph

**Average Current Draw:**
- @ 115 VAC; Amps: 1.0 Amps
- @ 230 VAC; Amps: 0.5 Amps

**Peak Input Power:**
300 Watts

**Average Input Power @ Max SPM:**
130 Watts

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