

MicroTron Series A

Chemical Metering Pump

Menu Driven Flexibility



Key Features

- Dual Output Adjustment
- NEMA 4X-Style Enclosure
- LED Backlit Display
- Optional Control Functions
- LED Indicating Lights
- Guided Double Ball Checks
- Priming / Degassing Valve
- Splash Cover Over Controls
- 2-Year Warranty

Application

MicroTron Series A metering pumps provide reliable, flexible chemical addition for a wide variety of applications.

Metering accuracy is achieved with microprocessor controlled menu adjustable speed and double ball guided checks. A rugged thermoplastic NEMA 4X style housing allows for outdoor installations.

Series A pumps are available in outputs up to 45 GPD and 250 PSI. The manual stroke length and menu speed adjustment provides the widest turn down capability.

Build a Model

Model A _ _ _ _ _ - _ _ _ _ _

Build your model number by selecting one code from each step. Example: A130X1-KVC1

STEP 1 OUTPUT (MAXIMUM)

| | | | | |
|-----|---|-------------------|----|--------------------|
| 115 | = | 15 GPD / 2.37 LPH | at | 150 PSI (10.3 bar) |
| 130 | = | 30 GPD / 4.70 LPH | at | 110 PSI (7.5 bar) |
| 145 | = | 45 GPD / 7.09 LPH | at | 75 PSI (5.1 bar) |
| 217 | = | 17 GPD / 2.60 LPH | at | 250 PSI (17.2 bar) |

STEP 2 CONTROL OPTIONS

| | | |
|---|---|---|
| X | = | Standard |
| M | = | 4-20 mA Input to control stroke speed |
| T | = | Selectable Timer: Pulse, Recycle, 28-Day, Multiply/Divide Pulses |

STEP 3 VOLTAGE

| | | |
|---|---|-------------------------|
| 1 | = | 120 Volt USA Plug |
| 2 | = | 240 Volt |
| 3 | = | 240 Volt Specified Plug |

STEP 4 HEAD MATERIAL

| | | |
|---|---|--|
| K | = | Kynar |
| M | = | Kynar head w/ SS valve bodies ¹ |
| S | = | Stainless ¹ |

STEP 5 SEAT MATERIAL

| | | |
|---|---|---------|
| V | = | Viton |
| F | = | Teflon |
| H | = | Hypalon |

STEP 6 CHECK BALL

| | | |
|---|---|---|
| C | = | Ceramic |
| D | = | Ceramic/single on discharge (pressure relief) |
| S | = | Stainless |

STEP 7 CONNECTIONS²

| | | |
|---|---|--|
| 1 | = | 3/8" (9.525 mm) tubing rated to 200 PSI |
| 2 | = | 1/4" (6.35 mm) tubing rated to 300 PSI |
| P | = | 1/4" (6.35 mm) MNPT Connections |
| U | = | 3/8" (9.525 mm) black UV tubing rated to 200 PSI |
| V | = | 3/8" (9.525 mm) tubing rated to 200 PSI, clear suction |

For other options, see Price List or consult factory.

Notes: 1. M & S head material selections must have the P connection option and do not include a foot and injection valve or tubing.
2. Tubing selection may impact pump rating.

Specifications

Electrical

- **Input** - 120 VAC or 240 VAC @ 50/60 Hz

Operational

- **Stroke length adjustment** - 10-100%
- **Stroke frequency** - 1-125 strokes/minute for 15, 30 & 17 GPD; 1 - 145 strokes / min. for the 45 GPD

Optional Timers

- **Pulse:** 0-59 min, 0-59 sec w/accumulator
- **Recycle:** 0-99 mm:ss on & 0-99 hh:mm off
- **Biocide:** 28 Day

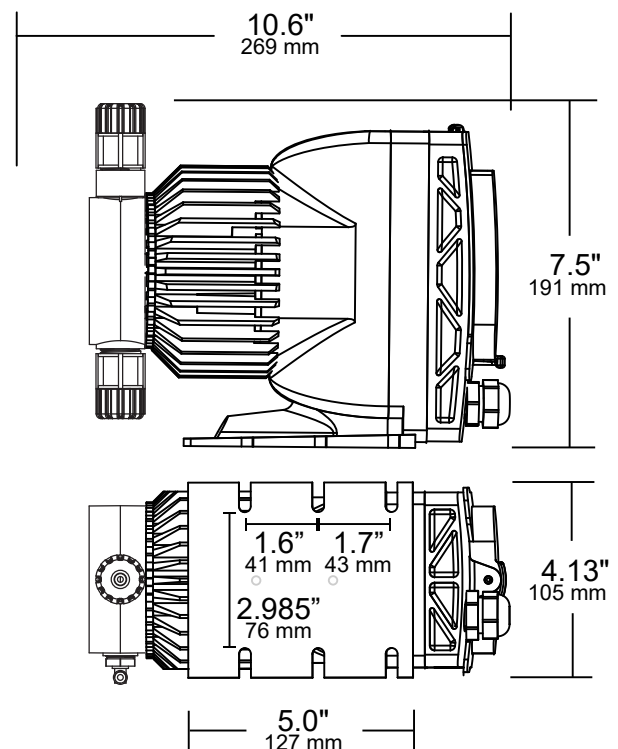
Enclosure

Heavy duty NEMA 4X style high impact thermoplastic with clear lexan cover.

Environment

- Max temperature 140°F (60°C)
- Relative humidity 0 to 100%

Shipping Weight: Approx. 10 lbs. (4.536 kg)



Kynar Head Shown

Get the Advantage



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