Blue-White®

Simplified Chemical Feed

For industrial and commercial applications



FLEXFLO®

Peristaltic Metering Pumps

A1

How does the FLEXFLO® A1 simplify chemical feed?



Heavy duty display shield
The UV and chemical resistant display shield protects controls from harsh environments.

Intuitive display
Simplified controls allows users to accurately adjust output, prime the pump, toggle control methods, and more.

Accurately engineered rollers
CNC precision machined squeeze rollers for optimimum squeeze, unparalleled accuracy, and extended tube life.

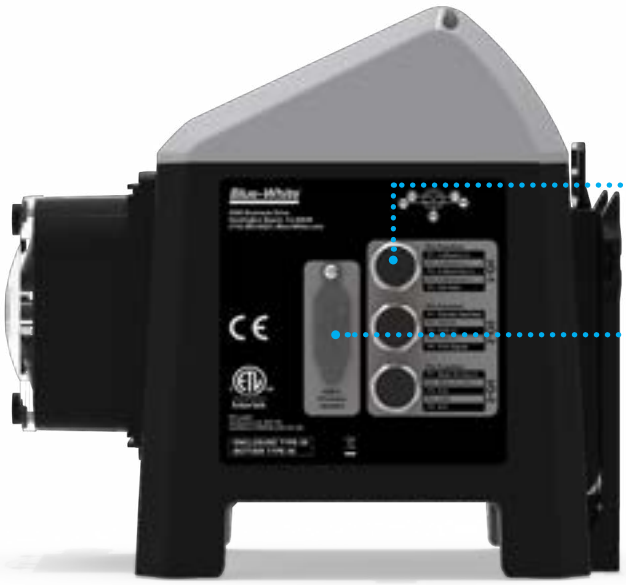
Brushless DC motor
BLDC motor reduces energy costs and is more durable than AC motors.

Built-in leak detection
Patented Tube Failure Detection (TFD) senses tube rupture by detecting chemical in the pump head. There's no false triggering.

Minimal maintenance
No tools are required to open the pump head. The tube, the only part that shows wear, can easily be replaced.

Tubing options
Choose from three available tube materials for optimum chemical compatibility: Flex-A-Prene®, Flex-A-Thane®, and Flex-A-Chem®.

Simplified I/O connections



IP67 rated M12 connection ports
Quick and reliable connection even in confined spaces. Protects against dust, moisture, and changes in temperature.

USBC connection port
Download the latest firmware in the field, saving time while ensuring optimum performance.

Blue-White®

The compact, rugged, and reliable chemical feed solution



FLEXFLO® A1

The A1 offers reliable chemical feed with simple-to-use controls and precise adjustability. Ideally suited for low-flow applications, this compact, rugged self-priming pump delivers smooth, consistent chemical feed across the pressures for which it is rated. Safety features include built-in leak detection and a lockout feature that prevents tampering - patent pending.

Technical Overview

GPH	.003 - 5.6	**Enclosure Rating**	NEMA 4X
LPH	.011 - 21.2	**Standards**	cETLus, CE
PSI	Up to 100	**Power Supply**	100 to 240VAC-50/60Hz
Bar	Up to 6.9	**Warranty**	2 years



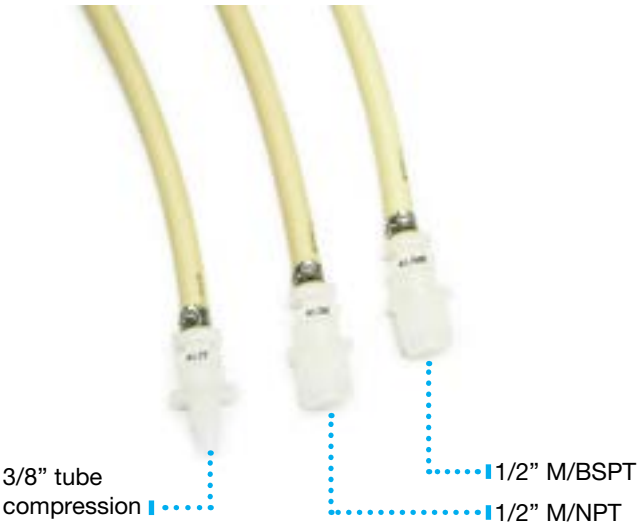
Features

Benefits of a Peristaltic Pump:

- Peristaltic pump design does not have valves that can clog
- Self-priming – even against maximum system pressure
- Powerful suction capabilities - over 30 feet of suction lift
- Gentle pumping action, ideal for shear-sensitive chemicals
- Capable of pumping chemicals up to 10,000 centipoise
- Will not vapor lock or lose prime

Communication & Interface:

- Remote Start/Stop: Non-powered dry contact closure
- Relay outputs include single 250V/3A and single solid-state
- Compatible with Flow Verification Sensor (FVS) system
- Scalable 4-20 mA SCADA input
- Non-scalable 4-20 mA SCADA output



Tube materials and fittings

Flex-A-Prene® is an excellent material for most water treatment applications. Chemically resistant to 25% Sodium Hypochlorite, 30% Sulfuric Acid, 30% Fluosilicic Acid, Ferric Chloride, Alum, and many others.

Flex-A-Chem® tubes consist of an outer Norprene jacket with an inner liner virtually unaffected by acids, bases, salts, ketones and alcohol. Available in a medium stiffness for applications up to 50 PSI.

Flex-A-Thane® this polyurethane material can be used various chemicals including oil and water-based polymers: Sodium Hypochlorite, Alum, Ferric Chloride, fuels, lubricants, and many others. Available in medium stiffness up to 65 PSI.

Blue-White®

Premium accessories to complete your system

STAR III® Chemical Tanks

STAR III® Chemical Tanks are made from natural polyethylene and UV inhibitors and will securely mount your chemical metering pump for easy access. All necessary accessories are included.



- KIT STAR-3 7 Gallon Tank
- KIT STAR-3 15 Gallon Tank
- KIT STAR-3 30 Gallon Tank

Wall Mount Kit

Mount your pump at a convenient height to improve ergonomics. The wall mount kit comes with a tough, chemical resistant high-density poly-ethylene bracket and four concrete wall anchors.



- KIT-PSM / KIT-PSS

M12 Connection Cables

Compatible with Blue-White's CHEM-FEED® A1, our M12 connection cables offer fast and easy connections even in challenging conditions. Their IP67 rating means they're protected against dust, moisture, and changes in temperature.



- KIT-M12 M12 Cable Assembly, 10 ft, Qty 2
- KIT-M12-2-15 M12 Cable Assembly, 15 ft, Qty 2
- KIT-M12-2-30 M12 Cable Assembly, 30 ft, Qty 2
- KIT-M12-3 M12 Cable Assembly, 10 ft, Qty 3
- KIT-M12-3-15 M12 Cable Assembly, 15 ft, Qty 3
- KIT-M12-3-30 M12 Cable Assembly, 30 ft, Qty 3

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