

FLEXFLO® A-100N Peristaltic Metering Pump

LOOKING FOR A METERING PUMP THAT'S SIMPLE TO OPERATE and also provides Accurate, Dependable Chemical Feed? FLEXFLO® A-100NV delivers. This compact and cost-effective peristaltic pump is compatible with a wide range of chemical and the low velocity injection system of peristaltic pumps provides gentle and efficient pumping action with No vapor lock, No lost prime.

FLEXFLO® A-100N FEATURES:

OVERVIEW

- Patented TFD (Tube Failure Detection) system protects against chemical spills from a worn out tube and activates an alarm output relay.
- Self-Priming against maximum line pressure.
- Cannot Vapor Lock or Lose Prime.
- Four pump tube material options: Norprene®, Norprene® Chemical, Tygothane®, and FKM.

WHAT'S INCLUDED

- A-100N Peristaltic Metering Pump
- Two tube assemblies
- Discharge injection fitting with check valve
- Suction tube – clear PVC – 5' length (3/8" OD, 1/4" ID)
- Suction strainer
- Suction ceramic weight
- Discharge tube – opaque polyethylene – 5' length (3/8" OD, 1/4" ID)
- Display shield
- Tube nuts (x2)
- Mounting hardware

FLEXFLO® A-100N SPECIFICATIONS:

Max. working pressure:

A-100NV and A-100NF: 100 psig (6.9 bar)
A-100NVP and A-100NFP: 65 psig (4.5 bar)

Max. fluid temperature:

130° F (54° C)

Max. ambient temperature:

14° to 110° F/ -10° to 4°3 C

Duty cycle:

Continuous

Maximum viscosity:

5,000 Centipoise

Maximum suction lift:

30 ft. Water 0 psig

Maximum Solids:

50% by volume

Enclosure:

NEMA 3R, (IP23)

Output adjustment range:

14 & 30 RPM with -1T, -2T, -4T tubes: 5-100% (20:1 turndown)
All other models: 10-100% (10:1 turndown)

Voltage (amp draw):

115VAC/60Hz, 1ph (.350 amp max)
230VAC/60Hz, 1ph (.173 amp max)
220VAC/50Hz, 1ph (.175 amp max)
240VAC/50Hz, 1ph (.193 amp max)

Power Cord Plug Type:

115V60Hz = NEMA 5/15 (USA)
230V60Hz = NEMA 6/15 (USA)
220V50Hz = CEE 7/VII (EUROPE)
240V50Hz = CEE 7/VII (EUROPE)

Approximate shipping wt:

12 lb. (5.4 kg)



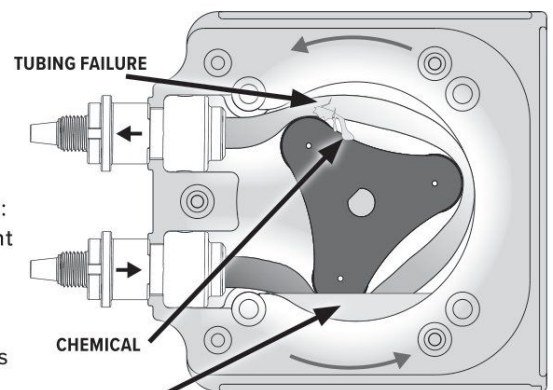
The Exclusive Patented

Tube Failure Detection System



BLUE-WHITE'S EXCLUSIVE PATENTED TUBE FAILURE DETECTION SYSTEM, no one comes close to this breakthrough technology (U.S. patent: 7,001,153 and 7,284,964). In fact, the TFD may be the most important patent ever awarded for peristaltic metering pumps. The TFD System will detect a wide range of conductive chemicals with no false triggering. If the TFD senses tube failure, the pump will automatically shut off and energize a relay or switch, permitting communication with external equipment, such as a back-up pump or alarm.

Simple, efficient and BUILT-IN to every FLEXFLO® Pump



CHEMICAL IS IMMEDIATELY DETECTED IN THE PUMP HEAD. THE PUMP SHUTS DOWN.

A-100N Ordering Matrix

A1N	FLEXFLO [®] Peristaltic Metering Pump									
Maximum Motor RPM										
0	14 RPM									
1	30 RPM									
2	45 RPM									
3	60 RPM									
Power Cord										
0	115V / 60HZ, power cord NEMA 5/15 plug (US)									
1	220V / 50HZ, power cord CEE7/VII plug (EU)									
Input/Output Control										
F	Analog Speed Control									
V	Digital Speed Control with external input									
Pump Tube Material, Pump Tube Size										
1	1/4" OD Flex-A-Thane [®] , 65 PSI									
2	3/8" OD Flex-A-Thane [®] , 65 PSI									
3	7/16" OD Flex-A-Thane [®] , 50 PSI									
4	1/4" OD Flex-A-Prene [®] , 100 PSI									
6	3/8" OD Flex-A-Prene [®] , 100 PSI									
7	7/16" OD Flex-A-Prene [®] , 50 PSI									
8	7/16" OD Flex-A-Chem [®] , 50 PSI									
Options (leave this blank for standard model with left facing pump head inlet/outlet)										
X	NSF 61 certified (ships without accessories)									
A1N	0	0	F	-	1	T	-	X	Sample Model Number	

A-100N[®] Replacement Parts

