A-100NA
Fixed Speed
Dial Knob Control
60 second cycle timer

Features:
- Peristaltic pump design does not have valves that can clog requiring maintenance.
- Self priming - even against maximum line pressure. By-pass valves are not required. Cannot vapor lock or lose prime.
- Outputs to 250 ml/min (95.1 GPD).
- Output pressures to 100 PSI.
- Output volume is not effected by changes in back pressure.
- Patented pump tube design installs easily and stays centered on the rollers without manual adjustment.
- Two pump tubes supplied with each pump. No extra tubing required.
- Easy to use dial knob output control.
- 20:1 turndown ratio.
- Adjustable 60 second repeating interval timer. 3-60 second adjustable on time per 60 second cycle.
- Built-in Tube Failure Detection system (TFD). Senses chemical in the pump head, shuts off the pump and activates an NPN open collector output.
- Compatible with Blue-White’s output flow verification sensor system.
- Durable housing of chemical resistant Valox (PBT) thermoplastic.

Specifications:
Max. working pressure: ......100 psig (6.9 bar)
Max. fluid temperature: ..........130° F (54° C)
Max. ambient temperature: ...14° to 110° F / -10° to 43° C
Output adjustment range: ....5-100%
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)
Approximate shipping wt: ...10 lb. (4.5 kg)
Voltage (max amp): ..............115VAC/60Hz, 14 & 30 rpm = 1.37 amp
..........................................45 & 60 rpm = 1.87 amp
..........................................230VAC/60Hz, 14 & 30 rpm = 0.64 amp
..........................................45 & 60 rpm = 0.74 amp
..........................................220VAC/50Hz, 14 & 30 rpm = 0.68 amp
..........................................45 & 60 rpm = 1.14 amp
..........................................240VAC/50Hz, 14 & 30 rpm = 0.66 amp
..........................................45 & 60 rpm = 1.04 amp
Power Cord Plug Type: ..........115V/60Hz = NEMA 5/15 (USA)
..........................................230V/60Hz = NEMA 6/15 (USA)
..........................................220V/50Hz = CEE 7/11 (EUROPE)
..........................................240V/50Hz = CEE 7/11 (UK)

Materials of Construction:
Wetted components:
Pump Tube Assembly: ..........Nitrile®, Tygothane® or FKM tubing
PVDF tube assembly connection fittings
Suction Tubing: ......................Clear PVC
Suction Strainer: ....................Natural Polypropylene
Discharge Tubing: ..................Natural Polyethylene (LLDPE)
Injection/Check valve:
  Body & insert: ......................Polypropylene (optional PVDF)
  Check Ball: ..........................Ceramic
  Spring: ..............................Hastelloy C-276
  Ball Seat O-ring: .................TFE/P (optional EP)
  Static Seal O-ring: ...............FKM (optional EP)

Non-Wetted components:
Pump Head & Enclosure: ..........Valox® (PBT) thermoplastic
Pump Head Cover: ..................Clear Acrylic
Cover Screws: ......................300 Stainless, Polypropylene cap
Roller Assembly:
  Rotor: .............................Valox® (PBT)
  Rollers: ............................Nylon
  Roller Bearings: ..................Bronze
Motor Shaft: ........................Nickel plated steel
TFD System Sensor pins: ..........Hastelloy C-276
Power Cord: .........................3 conductor, SJTW-A Water-resistant