

Aladdin

Programmable Syringe Pump

- **Programmable**
- **Economical**
- **Versatile**
- **More Features**
- **Dual Pumping Action**



The **Aladdin** was developed after years of design experience responding to researchers' requests on what an Infusion/Withdrawal pump should be.

ALADDIN SPECIFICATIONS

SYRINGE SIZES	1-60 mL, or 0.5-5 µL micro syringes
NUMBER OF SYRINGES	1, 6, or 8, depending on model
MOTOR TYPE	Step Motor, 1/8 to 1/2 step modes
STEPS PER REVOLUTIONS	400
STEPPING (max. min.)	0.21 µm to 0.850 µm
MOTOR TO DRIVE SCREW RATIO	15/28
SPEED (max./min.)	5.1 cm/min / 0.0042 cm/hr
PUMPING RATES	1699 mL/hr with 60 mL syringe, to 0.73 µL/hr with 1 mL syringe
MAXIMUM FORCE	35 lb at min. speed, 18 lb at max. speed
NUMBER OF PROGRAM PHASES	41
RS-232 PUMP NETWORK	100 pumps maximum
POWER SUPPLY	Wall adapter 12V DC @ 850 mA
DIMENSIONS	22.9 x 14.6 x 11.4 cm (8.75 x 5.75 x 4.5 in.)
WEIGHT	1.6 kg (3.6 lb)

Need a pump for two syringes? Two Aladdin pumps when daisy-chained are more efficient and affordable than any competitor's dual syringe models. Two Aladdins (**AL-2000**) will perform as a dual infusion/withdrawal pump, a double pump for infusing at different rates, a push/pull pump with one infusing and one withdrawing at the same or different rates, two independent pumps, or a master/slave pump. One Aladdin can even control the second for continuous pumping with optional check valve set.

The Aladdin pump series will accept syringes from Becton Dickinson, Monoject, Terumo, and Air-Tite.

AL-1000 Programmable Syringe Pump

AL-2000 Two AL1000 Syringe Pumps

Includes GN-TTL Interconnecting Cable for push/pull or continuous pumping. Valves not included.

Specify line voltage

When ordering 220V models, specify UK, Euro or Australian line cord.

OPTIONAL ACCESSORIES

GN-PC7 PC to pump cable, 7 ft

GN-PC25 PC to pump cable, 25 ft

GN-NET7 Pump-to-pump network cable, 7 ft

GN-NET25 Pump-to-pump network cable, 25 ft

GN-TTL Pump-to-pump reciprocating cable

ADPT2 Footswitch