

Accessories for Microprocessor Controlled Syringe Pumps

Continuous Delivery Valve Box



- Available for normal or high pressure

The Continuous Delivery Valve Box for Normal Pressure is supplied with 3.2 mm ID x 6.4 mm OD (1/8 x 1/4 in) silastic tubing and a connector cable to the syringe pump. For use with the pump

'Auto Fill' Valve Box



- Available for normal or high pressure

For use with PHD 2000 and all versions of the pump '44'. Supplied with 3.2 mm ID x 6.4 mm OD (1/8 x 1/4 in) silastic tubing and 115/230 VAC, 50/60 Hz electrical connector with syringe pump connector cable. Maximum pressure 50 p.s.i.

The 'Auto Fill' valve box for high pressure is for use with PHD 2000 (Infuse/Withdraw and Programmable Models Only) and all versions of the pump '44'. 304 stainless steel throughout. Supplied with 6.4 mm (1/4 in) ID stainless steel tubing with SWAGelok® fittings to mate with Harvard stainless steel syringes, and 115/230 VAC, 50/60 Hz electrical connector with syringe pump connector cables. Maximum pressure 200 p.s.i. Welded parts are stainless steel and viton.

| Catalog No. | Product |
|-------------|--|
| CGS 8107.63 | Continuous Delivery Valve Box, Normal Pressure |
| CGS 8108.63 | Continuous Delivery Valve Box, High Pressure |

| Catalog No. | Product |
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| CGS 8115.63 | 'Auto Fill' Valve Box - Normal Pressure |
| CGS 8116.63 | 'Auto Fill' Valve Box - High Pressure |

| Catalog No. | Product |
|-------------|--|
| AH 70-2022 | Daisy-Chain Connector, 9 pin D-Sub |
| AH 55-4145 | Daisy-Chain Connector, 25 pin D-Sub |
| AH 55-7760 | Daisy-Chain Cable, Interconnects 2 Pumps, 0.6 m (2 ft) |
| AH 72-2478 | Daisy-Chain Cable, Interconnects 2 Pumps, 1.8 m (6 ft) |

Pump '22' Interface Box

Allows simultaneous connection of foot switch, reversing switch, and TTL devices to a single Pump '22' Syringe Pump.

| Catalog No. | Product |
|-------------|-------------------------|
| CGS 8113.63 | Pump '22' Interface Box |

Pump '22' Reversing Switch

Allows pump to operate in either Infusion or Withdraw modes. Requires Withdrawal Bracket (call for details) which is not included.

| Catalog No. | Product |
|-------------|----------------------------|
| CGS 8114.63 | Pump '22' Reversing Switch |

Audible Alarm



Activated when the syringe reaches the end of its travel or back pressure exceeds the capacity of the Pump. Plugs into a 9-pin or 25-pin TTL connector. Measures 6.4 x 6.4 x 1.3 cm (2-1/2 x 2-1/2 x 1/2 in). For use with Pump '33', Pump '44' and Pump '22' (with or without interface box).

| Catalog No. | Product |
|-------------|---------------|
| CGS 8117.63 | Audible Alarm |

Foot Switch



The foot switch is for use with PHD 2000 (all Versions, see pages A8 to A11), Pump '44' (all Versions, see page A13), Pump '33' (see page A15), Pump '66/77' (see page A24), PHD 2000 HVP (see page A11) and Pump '22' (see page A14, requires AH 72-2479 - Interface Box). This start/stop foot switch which plugs into the 9-pin TTL connector provides 'hands-off' control.

| Catalog No. | Product |
|-------------|-------------|
| CGS 8118.63 | Foot Switch |