



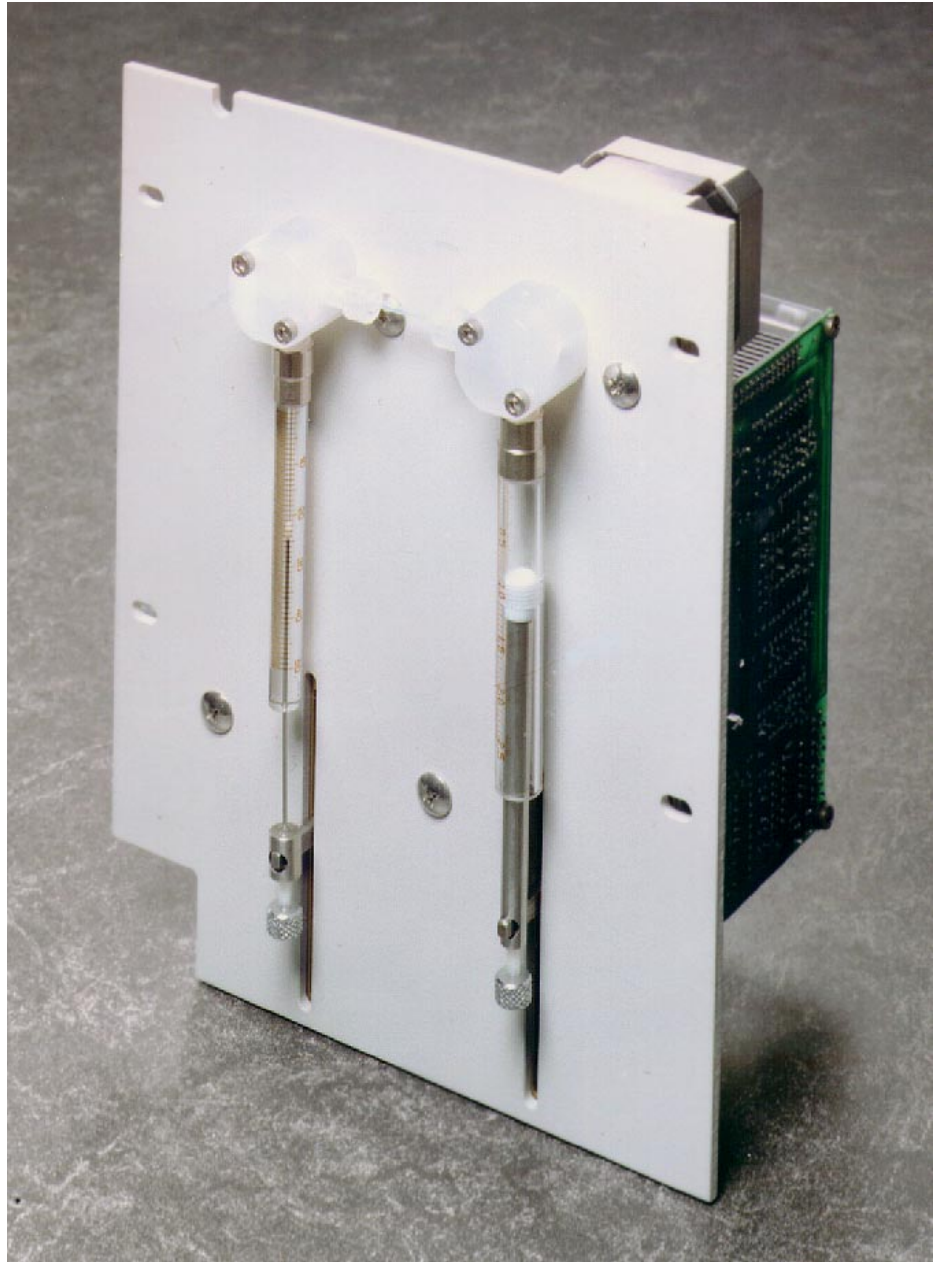
ADVANCED LIQUID HANDLING, INC.

MBP-PD Pipetter-Diluter

The ALH **MBP-PD** is a perfect example of integrated engineering. We start with two of our proven **MBP2000** digital syringe pumps. We then use only one set of electronics to control both pumps.

When we designed our circuit board electronics we had the foresight to provide the ability to drive two pumps with one set of electronics. This reduces the costs to both you, the customer, and ALH since two sets of electronics do not have to be purchased.

The panel, syringes and mounting considerations are configured to the customer's needs.



Specifications For Typical Configuration

Size:	As shown: 9"(289mm)H x 6.5"(165mm)W x 4"(100mm)D (distance behind panel)	Power:	24Volt AC or DC
Weight:	<5lbs (2kg)	Communication:	RS-232 Serial [TX, RX & Gnd]
Capacity:	Syringe volume: 10 ml	Firm ware:	Hamilton ML-OEM® or Cavro XL3000® protocol emulation
Speed:	Syringe: Maximum 1 second full stroke Valve: 1/4 to 1/2 second switch time	Accuracy and Precision:	Accuracy and precision are typically better than 1% and 0.01%, respectively.
Resolution:	2000 steps @ 60mm stroke		
Valve:	Teflon & Kel-F 3/4 way shear		

Specifications subject to change without prior notice. ®Registered Trademarks are the property of their respective owners.

ADVANCED LIQUID HANDLING, INC.

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