

Hamilton Microlab 600 dispensers and dilutors



- ▶ High precision semi-automatic dispensing pump with syringe
- ▶ Simplified graphical user interface
- ▶ Designed to dilute and dispense liquids quickly and easily
- ▶ Borosilicate glass syringe
- ▶ PTFE/CTFE Piston and tubing
- ▶ Automates the pipetting process
- ▶ Supplied with traceable calibration certificate (N.I.S.T. standards)
- ▶ Multiple communication interfaces : Ethernet (RJ-45), CAN IN / OUT (RJ-12), TLL IN/OUT, SERIAL RS-232
- ▶ Possibility to control the instrument (Ethernet or RS-232) and then several instruments in a chain (CAN ports), remote control (optional programming kit required, Cat. No. 410532)
- ▶ Material compliant with EPA, FDA, GLP,GMP, and 21 CFR part 11
- ▶ Remote monitoring of the instrument from any computer (logfile)
- ▶ Dispensers and dilutors supplied with Concorde hand probe (491062 and 491063 have a double button), PTFE filling and dispensing tubes, accessory rack, universal valves, power cord

Dispensing devices

	Basic controller		Advanced controller	
	Cat.No.	€ Excl. VAT	Cat.No.	€ Excl. VAT
1 syringe	412387*	NC -	410504*	NC -
2 syringes	491062*	NC -	491063*	NC -
Continuous with 2 syringes	491064**	NC -	491065**	NC -

\* syringe(s) 1 ml supplied  
\*\* syringe(s) 10 ml supplied

Pumps

Cat. No.	Description	Syringe(s) supplied	€ Excl. VAT
491067	Single syringe pump without controller nor accessories*	1 ml	NC -
410503	Two syringe pump without controller nor accessories*	1 ml	NC -

\*The pumps are supplied only with power cable, universal valve(s), syringe(s) and the customizable programming kit (software on CD, compatible only with Microsoft.NET 2.0 and earlier).

Bubble Free Prime (BFP) syringe

Bubble-free priming syringe. Expels air from the syringe and valve, reducing the number of priming cycles required.

Cat.No.	Volume	Optimal ranges	€ Excl. VAT
410505	10 µl	1 µl - 10 µl	NC -
410506	25 µl	2.5 µl - 25 µl	NC -
410507	50 µl	5 µl - 50 µl	NC -
410508	100 µl	10 µl - 100 µl	NC -
410509	250 µl	25 µl - 250 µl	NC -
410511	1 ml	100 µl - 1 ml	NC -
410512	2.5 ml	250 µl - 2.5 ml	NC -
410513	5 ml	500 µl - 5 ml	NC -
410514	10 ml	1 ml - 10 ml	NC -
410515	25 ml	2.5 ml - 25 ml	NC -
410516	50 ml	5 ml - 50 ml	NC -

SaltLine syringes

- ▶ For solutions with high salt concentrations
- ▶ UHMWPE (ultra high molecular weight polyethylene) piston

Cat.No.	Volume	Optimal ranges	€ Excl. VAT
491074	1 ml	100 µl - 1 ml	NC -
491075	5 ml	500 µl - 5 ml	NC -
491076	10 ml	1 ml - 10 ml	NC -

Accessory

Cat.No.	Description	€ Excl. VAT
410532	Programming kit via computer	NC -

Dilution devices

Cat. No.	Description	Syringes supplied	€ Excl. VAT
491061	2-syringe dilution device with basic controller	250 µl / 2,5 ml	NC -
410502	2-syringe dilution device with advanced controller	250 µl / 2,5 ml	NC -

Assembled PTFE hoses

Cat. No.	Gauge (G)	Type	Length (mm)	Internal volume	€ Excl. VAT
410535	18	Filling tube	1219	1.15 ml	NC -
410536	18	Dispensing tube	1372	1.29 ml	NC -
410537	18	Filling tube	Personalized	0.94 µl/mm	NC -
410538	18	Dispensing tube	Personalized	0.94 µl/mm	NC -
410539	12	Filling tube	1219	4.57 ml	NC -
410540	12	Dispensing tube	1372	5.15 ml	NC -
410541	12	Filling tube	Personalized	3.75 µl/mm	NC -
410542	12	Dispensing tube	Personalized	3.75 µl/mm	NC -
410543	18	Continuous filling tube	-	0.94 µl/mm	NC -
410544	12	Continuous filling tube	-	3.75 µl/mm	NC -

Accessories for Microlab 600

Cat.No.	Description	Units/ carton	€ Excl. VAT/ carton
410521	Concorde CT dispensing sampler	1	NC -
410522	Luer Lock Conversion Kit for Concorde CT	1	NC -
410523	Dual channel dispensing sampler	1	NC -
491066	Dispensing sampler for tips 0.5 to 1000 µl*	1	NC -
491071	50 µl tip, in bulk, for 410528	960	NC -
491072	1 ml tip, in bulk, for 410528	960	NC -
491070	1 ml tip, in rack x 96 for 410528	10 racks	NC -
410528	Large volume dispenser sampler for 1 - 5 ml tips*	1	NC -
410529	5 ml tip, in bulk, for 410528	250	NC -
410530	Foot switch	1	NC -

\* The tip distribution samplers are only compatible with the Hamilton tips listed in the table

PIPETTES DISPENSING