

Syringes

Hamilton 700 Series Microliter™ Syringes, 5μL - 500μL


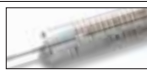







- Cemented needles (N), removable needles (RN), or luer tip (LT)
- Plungers and syringe barrels are not interchangeable or replaceable
- Tight tolerances between the plunger and the barrel

Typical Operating Parameters

- Maximum temperature for cemented needle 50° C (122° F) and all others 115° C (239° F)
- Maximum pressure rating is 2,000 psi for 5μL to 100μL, all others are 1,000 psi.
- For use with liquids
- All syringes are autoclavable when disassembled except for the cemented needle (N) syringes



700 Series Ordering Information

		Volume	5μL	10μL	25μL	50μL	100μL	250μL	500μL
		Model	75	701	702	705	710	725	750
		Gauge**	26s	26s	22s	22s	22s	22s	22
N (Cemented Needle)			87900	80300 80366, 6/pk	80400	80500	80600	80700	80800
N (Cemented Needle)			87919	80365*	80465	80565	80665	80765	80865
N (Cemented Needle)				80339	80439	80539	80639	80739	80839
RN (Removable Needle) <i>(Repl. needles on page 295)</i>			87930	80330 80336, 6/pk	80430	80530	80630	80730	80830
LT (Luer Tip) <i>(Needle not included)</i>				80301	80401	80501	80601	80701	80801
PB600 Repeating Dispenser <i>(Syringe not included)</i>					83700	83700	83700	83700	83700
Reproducibility (Chaney) Adapter <i>(Syringe not included)</i>			14700	14700	14725	14725	14725	14725	14725
Syringe Guide <i>(Syringe not included)</i>			14806	14806	14906	14906	14906	14906	14906
Digital Base Unit <i>(Syringe calibrated to unit)</i>									

Add the prefix "DS" to the beginning of the syringe's part number.
(Base unit not sold separately)

* 80365 is a 22s gauge

Syringes

Hamilton 7000 Series Modified Microliter™ Syringes, 0.5µL - 5µL






- Removable needles knurled hub (KH)
- Positive displacement syringe has a tungsten plunger wire that travels inside the needle
- Sample contained in the needle
- No dead volume



Typical Operating Parameters

- Maximum temperature 50° C (122°F)
- Maximum pressure rating is 6,000 psi
- For use with liquids
- Syringes are autoclavable when disassembled

7000 Series Ordering Information

		Volume	.5µL	.5µL	1µL	1µL	2µL	2µL	5µL
		Model	7000.50C	7000.5	7001	7101	7002	7102	7105
		Gauge**	32	25	25s	22s	25	23	24
KH (Knurled Hub)				86259	80135	86211	88411	88511	88011
		(**/2.75"/2)							
KH (Knurled Hub)			86257*	86250	80100	86200	88400	88500	88000
		(**/2.75"/3)							
Digital Base Unit			Add the prefix "DS" to the beginning of the syringe's part number. (Base unit not sold separately)						
(Syringe calibrated to unit)									

* Needle length is 3.94", repair kit catalog number 86258, \$93.00.

7000 Series Repair Kits (Includes: KH needle, KH ferrule, plunger wire and instruction sheet)






Volume	.5µL (25 ga)	1µL (25s ga)	1µL (22s ga)	2µL (25 ga)	2µL (23 ga)	5µL (24 ga)
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Point Style 2	17887	17888	17890	17891	17892	17893
Point Style 3	17187	17188	17190	17191	17192	17193

Syringes

Hamilton 900 Series Microliter™ Syringes, 5µL - 10µL

- Removable needles (RN) or cemented needle (N)
- Reinforced plunger

900 Series Ordering Information

		Volume	5µL	10µL
		Model	95	901
		Gauge**	26s	26s
N (Cemented Needle)			87920	80360
		(**/2"/2)		
RN (Removable Needle)			87925	80370
(Repl. needles on page 295)		(**/2"/2)		
Reproducibility (Chaney) Adapter			32148	32148
(Syringe not included)				



Syringes

Syringes

Hamilton 800 Series Modified Microliter™ Syringes, 5µL - 250µL






- Removable needles (RN) or cemented needle (N)
- Reinforced plunger
- Plunger assemblies are replaceable
- Plunger stop prevents blowout

Typical Operating Parameters

- Maximum temperature for cemented needle 50° C (122° F) and removable needle 115° C (239° F)
- Maximum pressure rating is 2,000 psi except for 250µL which is 1,000 psi
- For use with liquids
- Syringes are autoclavable when disassembled except for cemented needle (N) syringes



800 Series Ordering Information

		Volume	5µL	10µL	25µL	50µL	100µL	250µL
		Model	85	801	802	805	810	825
		Gauge**	26s	26s	22s	22s	22s	22s
N (Cemented Needle)			84850	84852	84854	84856	84858	-
RN (Removable Needle) <i>(Repl. needles on page 295)</i>			84851	84853	84855	84857	84859	84861
Reproducibility (Chaney) Adapter <i>(Syringe not included)</i>			32146	32146	32146	32146	32146	32146

800 Series Multi-Pak™ Syringes

- Contains one handle and a selection of syringe barrel/plunger combinations
- Removable needles



800 Series Multi-Pak™ Syringes Ordering Information

Cat. No.	Description	Price
84890	Syringe Multi-Pak™ Includes: (1) Handle, (1) Removable needle nut (1) of each: 10, 25, 50, 100, and 250µL RN syringe (6) Needles, 26s/2"/2 for 10-100µL syringes (6) Needles, 22s/2"/2 for 10-100µL syringes (6) Needles, 22s/2"/2 for 250µL syringes	

Syringes















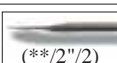






Hamilton 1700 Series Gastight® Syringes, 10µL - 500µL

- Cemented needles (N, LTN), removable needles (RN), luer tip (LT), Teflon® luer lock (TLL) or Teflon® luer lock w/slots (TLL w/slots)
- Precision-machined Teflon® PTFE-tipped plungers
- Replaceable plungers

Typical Operating Parameters

- Maximum temperature for cemented needle 50° C (122° F) and removable needle 115° C (239° F)
- Maximum pressure is 500 psi for 250µL and 500µL, 250 psi for SampleLock Syringes, and all others are 1,000 psi
- For use with gases and liquids
- Syringes are autoclavable when disassembled except for cemented needle (N) syringes

1700 Series Ordering Information

		Volume	10µL	25µL	50µL	100µL	250µL	500µL
		Model	1701	1702	1705	1710	1725	1750
		Gauge**	26s	22s	22s	22s	22s	22
LT (Luer Tip) <i>(Needle not included)</i>			80001	80201	80901	81001	81101	81201
LTN (Cemented Needle)	 		-	-	-	-	-	81217
LTN (Cemented Needle)	 		-	-	-	-	-	81216
N (Cemented Needle)	 		80000	80200	80900	81000	81100	-
N (Cemented Needle)	 		80075	80275	80975	81075	81175	-
RN (Removable Needle) <i>(Repl. needles on page 295)</i>	 		80030	80230	80930	81030	81130	81230
RN (Removable Needle) <i>(Repl. needles on page 295)</i>	 		80065	80265	80965	81065	81165	81265
SampleLock Syringe	 		-	-	80956	81056	81156	81256
TLL (Teflon® Luer Lock) w/o slots <i>(Needle not included)</i>			-	80222†	80920	81020	81120	81220
TLL with slots <i>(Needle not included)</i>			-	-	80927	81027	81127	81227
PB600 Repeating Dispenser <i>(Syringe not included)</i>			83700	83700	83700	83700	83700	83700
Reproducibility (Chaney) Adapter <i>(Syringe not included)</i>			14700	14725	14725	14725	14725	14725
Syringe Guide <i>(Syringe not included)</i>			14806	14906	14906	14906	14906	14906
Digital Base Unit <i>(Syringe calibrated to unit)</i>		Add the prefix "DS" to the beginning of the syringe's part number. <i>(Base unit not sold separately)</i>						

† TLL syringe plunger comes with stop



1700 Series Replacement Plungers

Volume	10µL	25µL	50µL	100µL	250µL	500µL
Model	1701	1702	1705	1710	1725	1750
All Models*	13205	1122-01	1162-01	1162-02	1162-03	1169-01

* except TLL w/slots, 25µL syringe, replacement plunger comes with stop, catalog number 13269, \$32.50.

Syringes

Hamilton 1000 Series Gastight® Syringes, 1mL -100mL







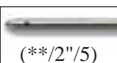









- Cemented needles (N, LTN), removable needles (RN), luer tip (LT), Teflon® luer lock (TLL) or Teflon® luer lock w/slots (TLL w/slots)
- Precision-machined Teflon® PTFE-tipped plungers



Typical Operating Parameters

- Maximum temperature for cemented needle 50° C (122° F) and removable needle 115° C (239° F)
- Max pressure is 200 psi for 1mL to 10mL, all others are 100 psi
- For use with gases and liquids
- Syringes are autoclavable when disassembled except for cemented needle (N, LTN) syringes and SampleLock syringes

1000 Series Ordering Information

		Volume	1mL	2.5mL	5mL	10mL	25mL	50mL	100mL
		Model	1001	1002	1005	1010	1025†	1050†	1100†
		Gauge**	22	22	22	22	22	22	22
LT (Luer Tip) <i>(Needle not included)</i>			81301	81401	81501	81601	-	-	-
LTN (Cemented Needle)	  (**/2"/2)		81317	81417	81517	81617	-	-	-
LTN (Cemented Needle)	  (**/2"/3)		81316	81416	81516	-	-	-	-
LTN (Cemented Needle)	  (**/2"/5)		81343	81443	81543	-	-	-	-
RN (Removable Needle) <i>(Repl. needles on page 295)</i>	  (**/2"/2)		81330	81430	81530	81630			
RN (Removable Needle) <i>(Repl. needles on page 295)</i>	  (**/2"/3)		81365						
SampleLock Syringe	  (**/2"/2)		81356	81456	81556	81656	86326	86336	86346
TLL (Teflon® Luer Lock) w/o slots <i>(Needle not included)</i>			81320	81420	81520	81620	82520	85020	86020
TLL with slots <i>(Needle not included)</i>			81327	81427	81527	81627	82527	85027	-
PB600 Repeating Dispensator <i>(Syringe not included)</i>			83700	83700					

† TLL male luer fitting is made of Kel-F material

1000 Series Replacement Plungers (Same for all syringe terminations)

Volume	1mL	2.5mL	5mL	10mL	25mL	50mL
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
	1359-01	1360-01	13230	13231	13271	13272

Syringes

Hamilton 1800 Series Gastight® Syringes, 10µL -250µL






- Cemented needles (N) or removable needles (RN)
- Precision-machined Teflon® PTFE-tipped plungers
- Reinforced plungers
- Plunger assemblies are replaceable



Typical Operating Parameters

- Maximum temperature for cemented needle 50° C (122° F) and removable needle 115° C (239° F)
- Max pressure is 1,000 psi for all volumes except for 250µL which is 500 psi
- For use with gases and liquids
- Removable needle syringes are autoclavable when disassembled

1800 Series Ordering Information

		Volume	10µL	25µL	50µL	100µL	250µL
		Model	1801	1802	1805	1810	1825
		Gauge**	26s	22s	22s	22s	22s
N (Cemented Needle)			84875	84878	84881	84884	84887
RN (Removable Needle)			84877	84880	84883	84886	84889
<i>(Repl. needles on page 295)</i>		<i>(**/2"/2)</i>					
Reproducibility (Chaney) Adapter			32146	32146	32146	32146	32146
<i>(Syringe not included)</i>							

Replacement Needles For All Hamilton RN and Hub Syringes

Removable Needles



Gauge	For 2.5 - 100µL Syringes			For 250µL - 10mL Syringes		
	Point Style 2	Point Style 3	Point Style 5	Point Style 2	Point Style 3	Point Style 5
Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
26s	7758-02	7768-01	7784-07	7779-02	7780-01	7784-03
26	7758-04	7768-02	7784-08	7779-04	7780-02	7784-04
22s	7758-03	7770-01	7784-05	7779-03	7780-03	7784-01
22	7758-01	7770-02	7784-06	7779-01	7780-04	7784-02

Hub Needles

Gauge	Metal Hub (N)		Kel-F Hub (KF)	
	Point Style 2	Point Style 3	Point Style 2	Point Style 3
Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
26s	90039	91039	90139	90539
22s	90038	91038	90138	90534
22	90022	91022	90122	90134



Syringes

Hamilton Syringes for Agilent GC Instrumentation



HP 7683/HP 7673						HP 7670,7671,7672					
			ASN Autosampler Cemented Needle			ASRN Autosampler Removable Needle			N Cemented Needle		RN Removable Needle
Model	Volume	Gauge/Length/ Point Style	23s	26s	23s-26s	23s	26s	23s-26s	26s	26s	

Microliter™ Syringes

7000.5	.5µL	x/1.71"/HP	-	-	-	86276	86274	-	-	-
7001	1µL	x/1.71"/HP	-	-	-	80176	80175	-	-	-
75	5µL	x/1.71"/HP	87987	87988	87993	87957	87958	87959	-	-
75, 6/pk	5µL	x/1.71"/HP	87990	87989	87994	-	-	-	-	-
75	5µL	x/1.71"/2	87991	87992	-	-	-	-	87900**	-
75	5µL	x/2.22"/HP*	87945	87946	-	-	-	-	-	-
701	10µL	x/1.71"/HP	80387	80388	80393	80357	80358	80359	-	-
701, 6/pk	10µL	x/1.71"/HP	80390	80389	80391	-	-	-	-	-
701	10µL	x/1.71/2	80398	80399	-	-	-	-	-	-
701	10µL	x/2"/2	-	-	-	-	-	-	80300	80338
701, 6/pk	10µL	x/2"/2	-	-	-	-	-	-	80366	-

GasTight® Syringes

175	5µL	x/1.71"/HP	80074	-	80076	-	-	80086	-	-
175, 6/pk	5µL	x/1.71"/HP	80090	-	80092	-	-	-	-	-
1701	10µL	x/1.71"/HP	80080	-	80079	80087	80088	80089	-	-
1701, 6/pk	10µL	x/1.71"/HP	80094	-	80096	-	-	-	-	-
1701	10µL	x/2"/2	-	-	-	-	-	-	80000	80011





* For Jade™ valve

** 26s/2"/2









Syringes

Hamilton Syringes for Instrumentation

Syringes for GC Instrumentation

Manufacturer		Syringe Model	Volume (μL)	Gauge/Length/ Point Style	Cat. No.	
Carlo Erba	A200S	701SN	10	25s/2"/2	80320	
	AS800	701SN	10	26s/3.15"/AS	80318	
	AS800	1002LTSN	2.5mL	22/2"/5	81443	
CTC/Leap	A200S	701SN	10	25s/2"/2	80320	
		701N	10	26s/2"/2	80300	
		701N	10	26s/2"/5	80339	
Perkin Elmer	Autosystem	75ASN/PE	5	.47mm/2.756"/3	88040	
		75ASN/PE	5	.63mm/2.756"/3	88035	
Shimadzu	AOC9	75RN	5	26s/51mm/2	87930	
		701RN	10	26s/51mm/2	80330	

Syringes for LC Instrumentation

Manufacturer		Syringe Model	Volume	Gauge/Length/ Point Style	Cat. No.	
Agilent	1090A	1702RN	25μL	w/o needle	80230	
		1725RN	250μL	w/o needle	81130	
CTC/Leap	A200LC/HTS PAL	701N	10μL	22s/2"/3	80365	
Gynkotek	Gina	1702RN	25μL	22s/2"/2	80230	
		1725RN	250μL	22s/2"/2	81130	
Hitachi	L-7200/L-7250 AS2000/AS4000	1750SPEC	500μL	-	0160310	
Kontron	460	1710AD	100μL	-	201050	
Perkin Elmer	Series 200	1705CX	50μL	-	80962	
		1725CX	250μL	-	81162	
		1750CX	500μL	-	81262	
		1001C	1.0mL	-	81360	
		1002C	2.5mL	-	81460	
Sedere	Sedex 100	705N	50μL	22s/2"/2	80500	
Shimadzu	SIL6A	1710RN	100μL	w/o needle	81030	
Thermo	SP8780/8875/8880	1750C	500μL	-	81260	
		1002C	2.5mL	-	81460	
	SpectraSeries/ AS1000/AS3000	1725CX	250μL	-	81162	
		1750CX	500μL	-	81262	
Varian	9090	1710C	100μL	-	81060	
		1001C	1mL	-	81360	
Waters	WISP	1702	25μL	-	80020	
		1725	250μL	-	80024	

Syringes

Hamilton HPLC Manual Injection Syringes



Syringes for Rheodyne Injection Valves

	MICROLITER 700SNR Fixed Needle	GASTIGHT 1700N Fixed Needle Small Bore	GASTIGHT 1700RNR Fixed Needle Large Bore	GASTIGHT Removable Needle	Replacement Needles, 6/pk Small Bore	Replacement Needles, 6/pk Large Bore
Volume	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
10µL	80365			80065	7770-01	7770-02
25µL	80465	80275	80285	80265	7770-01	7770-02
50µL	80565	80975	80985	80965	7770-01	7770-02
100µL	80665	81075	81085	81065	7770-01	7770-02
250µL	80765	81175	81185	81165	7780-03	7780-04
500µL	80865		81216	81265	7780-03	7780-04
1mL			81316	81365	7780-03	7780-04
2.5mL			81416			
5.0mL			81516			



Waters® U6K Injection Valve

	MICROLITER 800RNW (25s/1.97"/3)	GASTIGHT 1700RNW (25s/1.97"/3)	GASTIGHT 1800RNW (25s/1.97"/3)	Replacement Needles, 6/pk
Volume	Cat. No.	Cat. No.	Cat. No.	Cat. No.
10µL	84815			8647-01
25µL	84816	80238	84980	8647-01
50µL	84817	80938	84983	8647-01
100µL	84818	81038	84986	8647-01
250µL	84819	81138	84989	8648-01



Valco® VISF-1

	GASTIGHT 1700RNCP (25s/1.97"/3)	Replacement Needles, 6/pk
Volume	Cat. No.	Cat. No.
25µL	80231	7787-01
50µL	80931	7787-01
100µL	81031	7787-01
250µL	81131	7787-02
500µL	81231	7787-02
1mL	81331	7787-02

Syringes

Hamilton HPLC Manual Injection Syringes

“C” Syringes



The “C” Syringes incorporate a male 1/4-28 threaded hub for direct attachment to Hamilton valves, instruments, or other units where threaded, leak-free connection is required.

Cat. No.	Description
81060	1710 C 100µL Syringe
81160	1725 C 250µL Syringe
81260	1750 C 500µL Syringe (SP8780/8880)
81360	1001 C 1mL Syringe
81460	1002 C 2.5mL Syringe (SP8780/8880)
81560	1005 C 5mL Syringe

Waters Priming Syringes



Priming syringe for the 6000, 6000A, 501, 510, 590, 610 and 610E pumps. Designed for maximum safety with a metal flange and hub. Syringe has a Teflon tipped plunger and is pressure tested to 700 psi.

Cat. No.	Description
81610	10mL Priming syringe 1010W

GC Syringe Pack



1-7001KH-1µL Syringe
1-701N-10µL Syringe
1-1702N-25µL Gastight Syringe

Cat. No.	Description
80380	GC Syringe pack

On-Column GC Injection Syringes

- Maximum operating temperature: 360° C

RN Fused Silica Needle Syringe for 0.2 - 0.25mm ID Column

Cat. No.	Volume	OD/Length/Point Style
87402	10µL	.17mm/10cm/3, Microliter
80331	10µL	.17mm/11.5cm/3, Microliter
87404	10µL	.17mm/10cm/3, GasTight

Stainless Steel Needle Syringe for 0.28 - 0.35mm ID Column

86257	.5µL	.23mm/10cm/3, Microliter
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Syringe Cleaner

- Clean 7000 Series Modified Microliter syringes with only heat (370° C) or add a vacuum source (.1mm mercury) to remove suspected residuals
- Microliter and GasTight syringes may be cleaned when a voltage rheostat is added to reduce the chamber temperature to 50° C; a vacuum source (.1mm mercury) can be added to remove suspected particles
- Not effective for frozen plungers or plugged needles

Cat. No.	Description
76610	Syringe Cleaner



Needle Cleaning Kit

- Contains a selection of various diameter tungsten wires for clearing plugged needles
- Biodegradable cleaning concentrate helps to remove tenacious residues

Cat. No.	Description
76620	Needle Cleaning Kit, Includes: cleaning wires (listed below) and 70mL of cleaning concentrate
18311	Cleaning concentrate, 500mL

Cleaning Wires Included:

Cat. No.	Wires, 7" length	Unit	Cleans Gauges
18306	.00300" OD	10	23s, 26s, 31-33
18300	.00350" OD	10	26s, 31-33
18301	.00497" OD	10	22s, 25s, 28-30
18302	.00659" OD	10	27
18303	.00815" OD	10	24-26
18304	.01207" OD	10	22, 23

Syringes

Hamilton MICROLAB[®] 500 Diluters and Dispensers



MICROLAB[™] 500A Series

- Single program memory
- Speed of 2 to 20 seconds per stroke

This inexpensive line of quality MICROLAB 500A instruments meets the needs of any lab that demands an accurate diluter or dispenser. These units accurately and consistently aspirate and dispense fluid at the touch of a hand probe button or the tap of a foot switch. The 500A Series is easy to program and change. The programmed method is retained as long as the ML500A remains on.

MICROLAB[™] 500B Series

- Program and store 20 methods
- Speed of 1 to 250 seconds per stroke

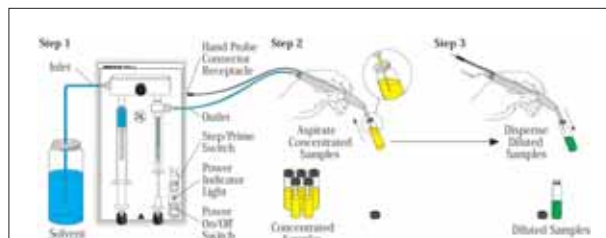
This versatile, easily programmed line of MICROLAB 500B instruments is ideal for laboratories performing many different diluting and dispensing methods. The user can program and store up to 20 methods in the instrument's memory. The easy-to-use LCD menu allows you to name and retrieve programs using alphanumeric characters. Program methods range from simple diluting and dispensing protocols to methods with multiple aspirations and multiple dispense functions. The programmed methods are retained in memory after the power is disconnected.

500 Series Specifications:

Accuracy:	±1% at 10% syringe volume
Precision:	±0.2%
Resolution:	0.1% of total syringe volume

500 Series Ordering Information:

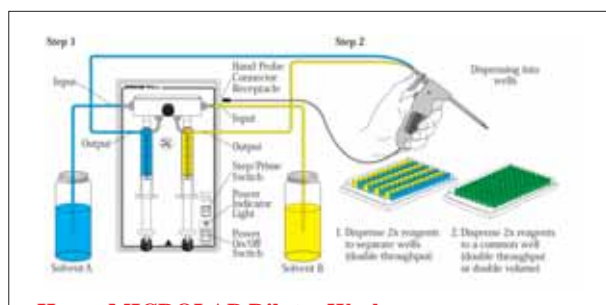
Cat. No.	Description
ML501115	ML501A, Single syringe dispenser <i>Includes: Concorde hand probe and HV valve</i>
ML503115	ML503A, Dual syringe diluter <i>Includes: Concorde hand probe and diluter valve</i>
ML504115	ML504A, Dual syringe dispenser <i>Includes: Dual hand probe and dispenser valve</i>
ML510115	ML510B, Single syringe dispenser <i>Includes: Concorde hand probe and HV valve</i>
ML530115	ML530B, Dual syringe diluter <i>Includes: Concorde hand probe and diluter valve</i>
ML540115	ML540B, Dual syringe dispenser <i>Includes: Dual hand probe and dispenser Valve</i>



How a MICROLAB Dispenser Works

Step 1: Fill the syringe(s) with the programmed amount of reagent from the reservoir.

Step 2: Dispense the programmed amount(s) into a vial.



How a MICROLAB Diluter Works

Step 1: Fill the left syringe with the programmed amount of solvent (diluent) from the reservoir.

Step 2: Aspirate the programmed amount of concentrated sample into the end of the probe using the right syringe.

Step 3: Dispense the sample and solvent into a vial.

ML500 Reagent (Left Side) or Sample (Right Side) Syringes

Cat. No.	Description
80222	25µL Syringe, Model 1702TLLX
80922	50µL Syringe, Model 1705TLLX
81022	100µL Syringe, Model 1710TLLX
81122	250µL Syringe, Model 1725TLLX
81222	500µL Syringe, Model 1750TLLX
81320	1.0mL Syringe, Model 1001TLL
81323	1.0mL Syringe, Model 1001TLLX
81420	2.5mL Syringe, Model 1002TLL
81520	5.0mL Syringe, Model 1005TLL
81620	10.0mL Syringe, Model 1010TLL
82521	25.0mL Syringe, Model 1025TLL

ML500 Sample (Right Side) Syringe Only

Cat. No.	Description
80226	25µL Syringe, Model 1702DX
80926	50µL Syringe, Model 1705DX
81026	100µL Syringe, Model 1710DX
81126	250µL Syringe, Model 1725DX
81226	500µL Syringe, Model 1750DX
81326	1.0mL Syringe, Model 1001DX

Hamilton MICROLAB® 500 Diluters and Dispensors

Concorde Push-Button Hand Probe



Fits easily into the hand for index-finger actuation. Accommodates either 12g or 18g tubing.

Cat. No.	Description
35529	ML500 Series

Large Volume Sample Hand Probe



Ideal for large volume sampling (1-5mL) and diluting viscous fluids. A disposable tip eliminates sample cross-contamination.

Cat. No.	Description
35898	ML500 Series
75702	Disposable tips, 250/pk

Dual Push-Button Hand Probe



Fits into your hand in a pistol-grip fashion for thumb actuation. Accommodates either 12g or 18g tubing.

Cat. No.	Description
35767	ML500 Series

Foot Switch



Activate your diluter/dispenser with the tap of a foot instead of by hand probe.

Cat. No.	Description
77004	ML500 Series

Disposable Tip Push-Button Hand Probe



Designed for blood and serum work where sample cross-contamination is a concern. This probe has a single-dispense button and a tip ejection button.

Cat. No.	Volume
77006	1 to 35µL
77007	1 to 125µL
75700	Disposable tips, 1,000/pk

Bottle Holder and Tubing Clips



The bottle holder helps minimize tubing dead volume from reagent bottle to hand probe.

The tubing clip holds Teflon tubing (12 or 18g) to most lab vessels.

Cat. No.	Description
39111	Bottle holder
88990	Tubing clips, 5/pk

Luer Lock Needle Push-Button Hand Probe



Install Kel-F hub needles for injection into animals, piercing of a septum or dispensing fluids onto a small surface.

Cat. No.	Description
35899	ML500 Series

ML500 Valves

Cat. No.	Description
35825	HV, ML501A / ML510B / ML511C
35844	Diluter, ML503A / ML530B / ML531C
35842	Dispenser, ML504A / ML540B / ML541C
110640	Diluter/ Dispenser, ML1000 PLUS

Diluter/Dispenser Tubing

Cat. No.	Description
240000	Nontapered fill tubing, 12g
240010	Nontapered fill tubing, 18g
240360	Tapered dispense tubing, 12g
240130	Tapered dispense tubing, 18g