

Precision Liquid Dispensing Technology

Liquid Dispensing System
Since 1994

Overview

Static Mixer Systems

Static mixer is the mixing device that can mix two or more liquids. Without any rotation part or motive power, just passing through the mixer is a continuous and equally mix. It's a very convenient and economical mixer.

Mixing Principle

1) Flow division 2) Rotational circulation 3) Radial mixing
these 3 of actions perfectly mix the two liquids.

1) Division of flow

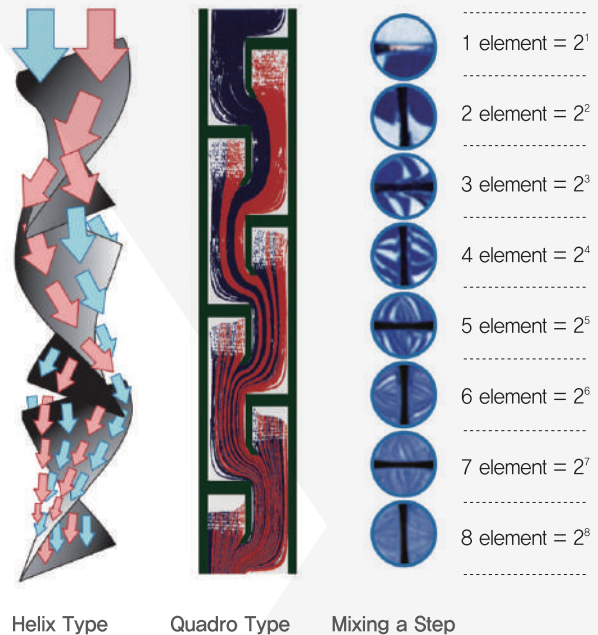
Each time liquid passed through an element, it becomes divided into two equal parts.
Number of divided is S, number of elements is n and then $S=2^n$. That is, the liquid that passed through the 8 elements is divided into 256

2) Rotational circulation

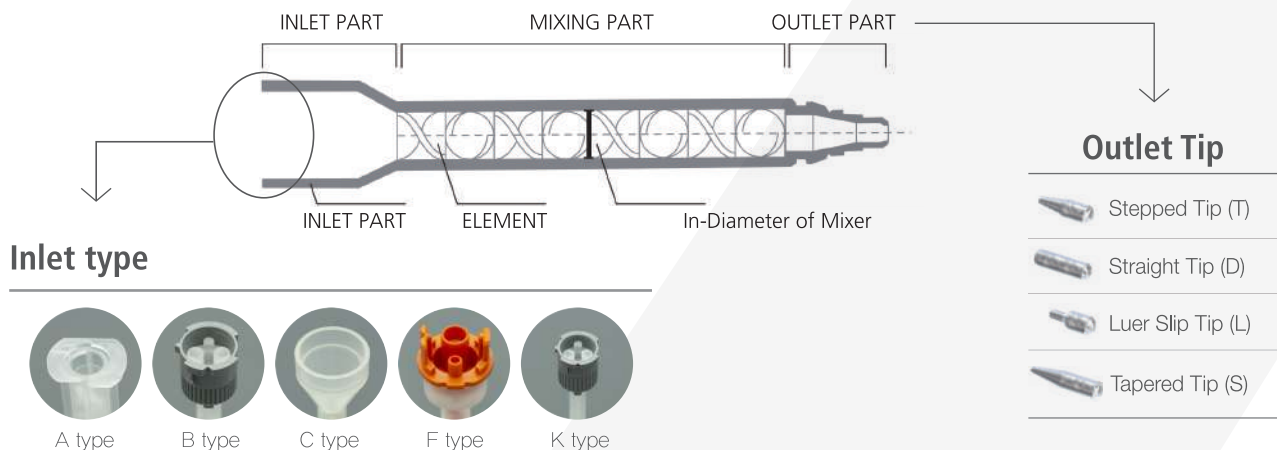
Rotational circulation is induced by left-and right-twisting helical elements.

3) Radial mixing

Flowing from the center to the wall and from the wall to the center along the twisted side of the element



Structure



Needle Adapter

A needle adapter can be inserted into models with T-shaped dispensing tip.

	Element Nominal Diameter Ø5 ~ Ø6	LA 05-00 WHITE
	Element Nominal Diameter Ø6 ~ Ø8	LA 06-08 WHITE
	Element Nominal Diameter Ø10	LA 10-00 BLACK

* Application :



PDP-500

RESIN

HARDNER




 **TAEHA**

MIXPAC™ A-System

Mixer Helix for System A/Q, 1:1/2:1



Mixer Helix for System A/Q, 4:1/10:1 (X type)

Mixer Quadro for System A/Q

	ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/Box	Outlet Tip				Accessoires			
							Stepped Tip (T)	Straight Tip (D)	Luer Slip Tip (L)	Tapered Tip (S)	BRT 205-10	IOT 406-15	IOT 506-15	LA 05-00
1:1/2:1 MAH 	102361	MAH 03-07S	7	3.0/0.118	0.24	15000				✓				
	102362	MAH 03-13S	13	3.0/0.118	0.36	12000				✓				
	102364	MAH 03-17S	17	3.0/0.118	0.34	10000				✓				
	102366	MAH 04-13S	13	4.0/0.157	0.60	10000				✓				
	102367	MAH 04-17D	17	4.0/0.157	0.75	7000		✓				✓		
	102368	MAH 04-17S	17	4.0/0.157	0.75	7500				✓				
	102369	MAH 05-07T	7	5.4/0.213	0.80	10000	✓							✓
	102370	MAH 05-13D	13	5.4/0.213	1.36	7000		✓			✓		✓	
	102371	MAH 05-13T	13	5.4/0.213	1.36	6500	✓							✓
	102360	MAH 0517-0413T	17 +13	5.4/0.213 4.0/0.157	2.07	4000	✓							✓
	102372	MAH 05-17T	17	5.4/0.213	1.68	4000	✓							✓
	102373	MAH 05-21T	21	5.4/0.213	2.01	3000	✓							✓
	102377	MAH 06-12T	12	6.3/0.248	2.08	4500	✓							
	102378	MAH 06-17T	17	6.3/0.248	2.94	3000	✓							
	102379	MAH 06-21L	21	6.3/0.248	3.33	4000			✓					
	102380	MAH 06-21T	21	6.3/0.248	3.57	2500	✓							
4:1/10:1 MAHX 	102535	MAHX 04-17S	17	4.0/0.157	0.75	7500				✓				
	102536	MAHX 05-17T	17	5.4/0.213	1.68	4000	✓							✓
1:1/2:1/4:1/10:1 MAQ 	300028	MAQ 05-16L	16	5.3/0.209	1.30	5000			✓					✓
	300026	MAQ 05-24L	24	5.3/0.209	1.90	3000			✓					✓
	300391	MAQ 05-16L-12 ●*	16	5.3/0.209	1.30	5000			✓					
	300405	MAQ 05-16L-13 ●*	16	5.3/0.209	1.30	5000			✓					

* different colour

Matching dispensers

			Flange	Ratio					Force
			A	1:1	2:1	4:1	10:1	(kN)	
DMA dispenser manual		101875	DMA 51-00-10	✓	✓	✓		1.2	
		101883	DMA 54-00-10	✓	✓	✓	✓	1.2	
		112790	DMA 59-00-10	✓	✓	✓		✓	1.2
		111746	DMA 75-00-10	✓	✓				1.2
DP dispenser pneumatic		151780	DP2 50-16-100	✓	✓	✓		1.6	
		153098	DP2 75-16-100	✓	✓	✓	✓	✓	1.6





MIXPAC™ B-System

Mixer Helix for System B, 1:1/2:1

Mixer Helix for System B, 4:1/10:1 (X type)

Mixer Quadro for System B




Mixer Quadro for System B, 4:1/10:1 (X type)

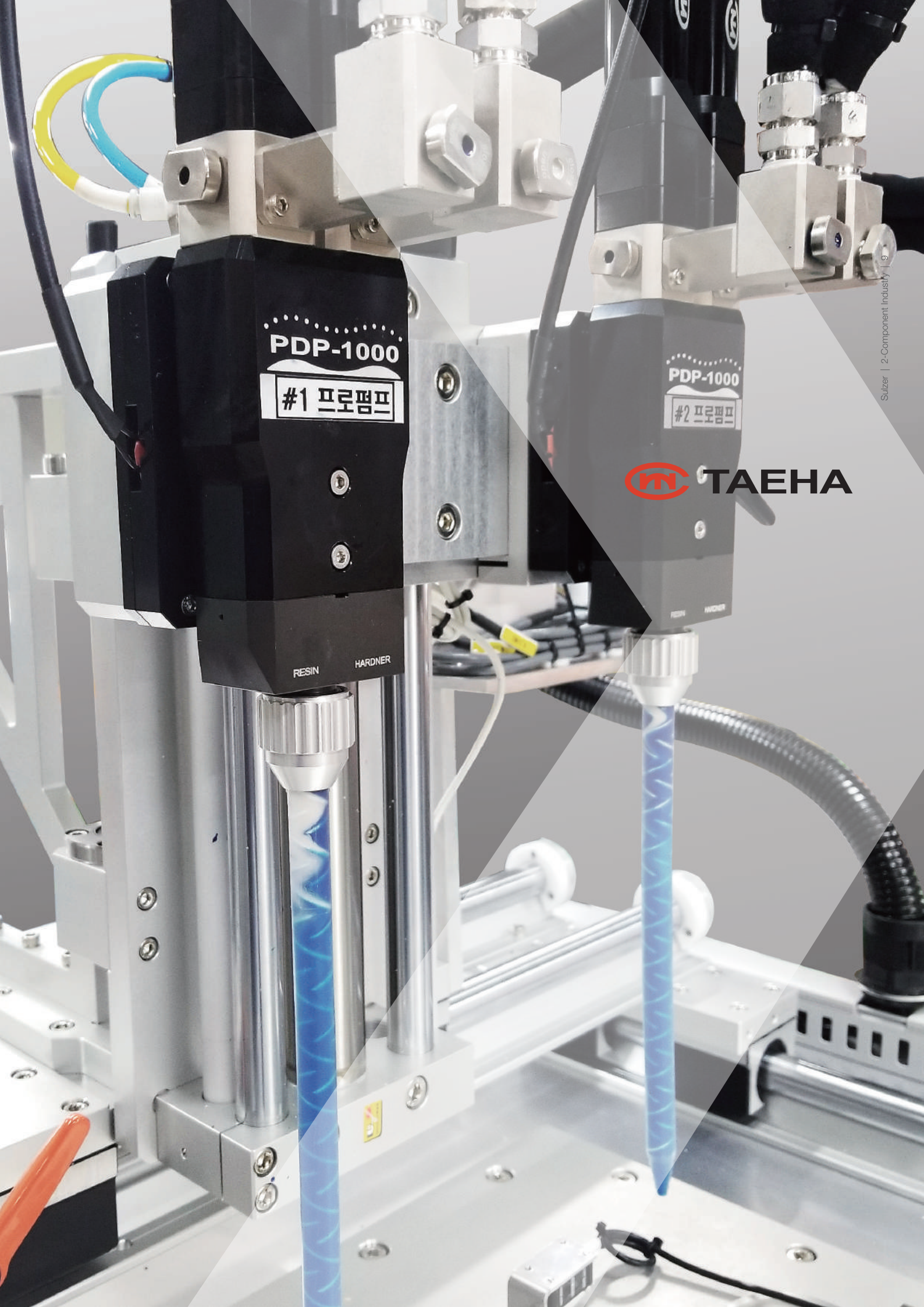
	ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/ Box	Outlet Tip				Accessoires						
							Stepped Tip (T)	Straight Tip (D)	Luer Slip Tip (L)	Tapered Tip (S)	LA 05-00	LA 06-08	BRT 205-10	IOT 406-15	IOT 506-15	IOT 212-20	IOR 209-20
	1:1/2:1 MBH	116457	MBH 03-12D	12	3.2/0.126	0.49	8000	✓						✓		✓	✓
		116458	MBH 03-12S	12	3.2/0.126	0.49	8000			✓							
		116459	MBH 03-16D	16	3.2/0.126	0.63	8000	✓		✓					✓		✓
		116460	MBH 03-16L	16	3.2/0.126	0.63	7000			✓						✓	✓
		116461	MBH 03-16S	16	3.2/0.126	0.59	8000			✓							
		116462	MBH 04-12D	12	4.2/0.165	0.84	7000	✓							✓		
		116463	MBH 04-16D	16	4.2/0.165	1.04	5000	✓							✓		
		116464	MBH 04-16S	16	4.2/0.165	1.04	5000			✓							
		116575	MBH 05-06T	6	5.4/0.213	0.94	8000	✓			✓						
		116465	MBH 05-12D	12	5.4/0.213	1.52	5000		✓					✓		✓	
		116466	MBH 05-14D	14	5.4/0.213	1.91	4000		✓					✓		✓	
		116467	MBH 05-16T	16	5.4/0.213	1.91	4000	✓			✓						
		116468	MBH 05-20T	20	5.4/0.213	2.29	3000	✓			✓						
		116469	MBH 06-11D	11	6.5/0.256	2.28	4000		✓					✓		✓	
		116470	MBH 06-16T	16	6.5/0.256	3.14	3000	✓					✓				
		116471	MBH 06-20T	20	6.5/0.256	3.76	2000	✓					✓				
		116472	MBH 07-11D	11	7.5/0.295	3.05	4000		✓								
	4:1/10:1 MBHX	116473	MBHX 03-16S	16	3.2/0.126	0.60	7000			✓							
		116474	MBHX 04-16D	16	4.2/0.165	1.05	6000		✓						✓		
		116576	MBHX 04-16S	16	4.2/0.165	1.05	5000				✓						
		116475	MBHX 05-12D	12	5.4/0.213	1.52	5000		✓					✓	✓	✓	
		116476	MBHX 05-16T	16	5.4/0.213	1.91	4000	✓			✓						
		116477	MBHX 05-20T	20	5.4/0.213	2.07	3000	✓			✓						
		116478	MBHX 06-16D	16	6.5/0.256	3.14	3000	✓					✓				
		116480	MBHX 06-16T	16	6.5/0.256	3.04	3000		✓					✓		✓	
	1:1/2:1 MBQ	114144	MBQ 05-16L	16	5.3/0.209	1.88	3000			✓		✓					
		154801	MBQ 05-16L-12	16	5.3/0.209	1.88	3000			✓		✓					
		114145	MBQ 05-24L	24	5.3/0.209	2.60	3000			✓		✓					
	4:1/10:1 MBQX	116063	MBXQ 05-16L	16	5.3/0.209	1.72	3000			✓		✓					
		116062	MBQX 05-24L	24	5.3/0.209	2.37	3000			✓		✓					

* different colour

MIXPAC™ B-System

Matching dispensers

				Flange		Ratio				Force
				B 50	B S50	1:1	2:1	4:1	10:1	(kN)
DMA/DMB dispenser manual		ID	Article							
		101875	DMA 51-00-10	✓		✓	✓			1.2
		116795	DMB 50-04-01	✓				✓		1.2
		116794	DMB 50-10-01	✓					✓	1.2
DS dispenser manual		101934	DS 53-01-00		✓	✓	✓			1.2
		109146	DS 51-04-00		✓			✓		1.2
		101929	DS 51-10-00		✓				✓	1.2
		115676	DS 75-10-00		✓				✓	1.2
		110938	DS 77-01-00		✓	✓				1.2
DP dispenser pneumatic		151780	DP2 50-16-100	✓		✓	✓			1.6
		153094	DP2 50-16-400	✓				✓	✓	1.6
		151886	DP2 50-16-300		✓				✓	1.6
		153098	DP2 75-16-100	✓		✓				



PDP-1000

#1 프로펌프

RESIN HARDNER





PDP-1000

#2 프로펌프

 TAEHA

MIXPAC™ C-System

Mixer Helix with bell inlet for System C/Q, 1:1/2:1
 Mixer Helix with bell inlet for System C/Q, 4:1/10:1 (X type)
 Mixer Quadro with bell inlet for System C/Q

	ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/Box	Outlet Tip				Accessoires				
							Stepped Tip (T)	Straight Tip (D)	Luer Slip Tip (L)	Tapered Tip (S)	BSD 10-25	BSD 10-40	LA 05-00	LA 06-08	LA 10-00
1:1/2:1 MCH 	102414	MCH 05-18T	18	5.0/0.197	2.10	3000	✓						✓		
	102415	MCH 05-24T	24	5.0/0.197	2.00	2000	✓						✓		
	102416	MCH 05-32T	32	5.0/0.197	2.60	2000	✓						✓		
	102417	MCH 06-18T	18	6.0/0.236	3.60	2000	✓							✓	
	102418	MCH 06-24T	24	6.0/0.236	4.20	2000	✓							✓	
	102419	MCH 06-32T	32	6.0/0.236	5.00	1700	✓							✓	
	102421	MCH 08-18T	18	8.0/0.315	6.70	2000	✓							✓	
	102424	MCH 08-24T	24	8.0/0.315	8.50	1500	✓							✓	
	102425	MCH 08-32T	32	8.0/0.315	10.90	1200	✓							✓	
	102427	MCH 1008-18S	18	8.0/0.315	10.20	1000			✓						
	102429	MCH 10-18T	18	10.0/0.394	12.30	1400	✓								✓
	102430	MCH 10-20D	20	10.0/0.394	12.60	1200		✓			✓	✓			
	102432	MCH 10-24D	24	10.0/0.394	15.30	1000		✓			✓	✓			
	102431	MCH 10-24T	24	10.0/0.394	14.60	1000	✓								✓
	102433	MCH 10-32T	32	10.0/0.394	17.70	900	✓								✓
	102434	MCH 13-12T	13	10.0/0.394	14.70	1400	✓								
	102435	MCH 13-18T	18	13.0/0.512	21.00	1000	✓								
	102437	MCH 13-24T	24	13.0/0.512	27.30	800	✓								
	102438	MCH 13-32T	32	13.0/0.512	25.70	600	✓								
4:1/10:1 MCHX 	102440	MCHX 08-18T	18	8.0/0.315	6.40	1800	✓							✓	
	102443	MCHX 08-24T	24	8.0/0.315	9.30	1500	✓							✓	
	102444	MCHX 10-12T	12	10.0/0.394	9.60	2000	✓								✓
	102445	MCHX 10-18T	18	10.0/0.394	11.90	1400	✓								✓
	102446	MCHX 10-24T	24	10.0/0.394	16.20	1000	✓								✓
	102447	MCHX 13-12T	12	13.0/0.512	11.60	1200	✓								
	112498	MCHX 15-12-30	12	15.0/591	27.00	1000	✓								
1:1/2:1 MCQ 	300002	MCQ 05-24L	24	5.3/207	3.46	1500			✓				✓		
	300006	MCQ 07-24T	24	7.5/295	6.19	1000	✓								
	300455	MCQ 08-24T	24	8.7/0.343	8.44	1300	✓							✓	
	300375	MCQ 08-32T	32	8.7/0.343	10.37	900	✓							✓	
	300377	MCQ 10-32T	32	10.7/0.421	18.45	600	✓								✓
	300496	MCQ 10-24T-01	24	10.7/0.421	14.04	800	✓								
1:1/2:1/4:1/10:1 MGH 	102480	MGH 08-06S	6	8.0/0.315	3.67	1500				✓					

Matching dispensers

	ID	Article	Volume mL		Ratio				Force (kN)
			200	400	1:1	2:1	4:1	10:1	
DM dispenser manual 	114413	DM 200-01	✓		✓	✓			5.2
	114425	DM 200-04	✓				✓		5.2
	114535	DM 200-10	✓					✓	5.2
	114399	DM 400-01		✓	✓	✓			6.4
	114400	DM 400-04		✓			✓		6.4
	114401	DM 400-10		✓				✓	6.4
DP dispenser pneumatic 	114780	DP 200-70-01	✓		✓	✓			2.2
	114664	DP 200-70-04	✓				✓		2.2
	114539	DP 200-70-10		✓				✓	2.2
	114781	DP 400-85-01		✓	✓	✓			3.2
	114782	DP 400-85-04		✓			✓		3.2
	114783	DP 400-85-10		✓				✓	3.2
	114466	DP 400-100-01		✓	✓	✓			4.5
	114559	DP 400-100-04		✓			✓		4.5
	114465	DP 400-100-10		✓				✓	4.5
DB dispenser battery 	152603	DB2 400-50-100		✓	✓				5.0
	152605	DB2 400-50-200		✓		✓			5.0
	152607	DB2 400-50-300		✓			✓		5.0
	152609	DB2 400-50-400		✓				✓	5.0

MIXPAC™ F-System

Mixer Helix for System F, 1:1/2:1



Mixer Helix for System F, 4:1/10:1 (X type)

Mixer Quadro for System F, 1:1/2:1

Mixer Quadro for System F, 4:1/10:1 (X type)




Mixer Quadro for System F, 1:1/2:1 Mixer Quadro for System F, 4:1/10:1 (X type)							Outlet Tip	Accessoires										
	ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/ Box	strpped Tip(T) Straight Tip (D) Luer Slip Tip (L)	TA 10-ET	TC 10-ET	LA 05-00	LA 06-08	LA 10-00	BSD-08-50	BSD-10-25	BSD-10-40	BSD-13-50	BSDQ-08-38	
1:1/2:1 MFH	102466	MFH 06-18T	18	6.0/0.236	4.36	1700	✓				✓							
	102467	MFH 06-24T	24	6.0/0.236	5.40	1400	✓				✓							
	166542	MFH 06-24L	24	6.0/0.236	5.40			✓										
	116040	MFH 06-32T	32	6.0/0.236	6.65	700	✓				✓							
	102468	MFH 08-18T	18	8.0/0.315	7.40	1400	✓				✓		✓					
	102469	MFH 08-24T	24	8.0/0.315	9.30	1200	✓				✓		✓					
	102470	MFH 08-32T	32	8.0/0.315	11.85	900	✓				✓		✓					
	102471	MFH 10-18T	18	10.0/0.394	13.09	1000	✓	✓	✓			✓		✓	✓			
	102472	MFH 10-24T	24	10.0/0.394	16.89	900	✓	✓	✓			✓		✓	✓			
	110583	MFH 10-32T	32	10.0/0.394	21.94	500	✓	✓	✓			✓		✓	✓			
	151603	MFH 13-18T	18	13.0/0.512	20.56	800	✓										✓	
	151604	MFH 13-24T	24	13.0/0.512	26.31	600	✓										✓	
4:1/10:1 MFHX	102473	MFHX 06-18T	18	6.0/0.236	4.16	1700	✓				✓							
	102474	MFHX 06-24T	24	6.0/0.236	5.20	1400	✓				✓							
	166540	MFHX 06-24L	24	6.0/0.236	5.20			✓										
	113275	MFHX 06-32T	32	6.0/0.236	6.56	1200	✓				✓							
	102475	MFHX 08-18T	18	8.0/0.315	7.28	1400	✓				✓		✓					
	102476	MFHX 08-24T	24	8.0/0.315	9.14	1200	✓				✓		✓					
	112720	MFHX 08-32T	32	8.0/0.315	11.55	900	✓				✓		✓					
	102477	MFHX 10-18T	18	10.0/0.394	12.96	1000	✓	✓	✓			✓		✓	✓			
	102478	MFHX 10-24T	24	10.0/0.394	16.70	900	✓	✓	✓			✓		✓	✓			
	113250	MFHX 10-32T	32	10.0/0.394	21.22	500	✓	✓	✓			✓		✓	✓			
	151605	MFHX 13-18T	18	13.0/0.512	20.73	800	✓										✓	
	151606	MFHX 13-24T	24	13.0/0.512	26.48	600	✓										✓	
1:1/2:1 MFQ	116032	MFQ 05-16L	16	5.3/0.209	2.90	2500		✓	✓									
	116033	MFQ 07-24T	24	5.3/0.209	3.52	2000		✓	✓									
	116034	MFQ 07-24T	24	7.5/0.295	6.11	1500	✓				✓							
	115959	MFQ 08-24T	24	8.7/0.343	14.75	750	✓				✓						✓	
	116035	MFQ 10-24T	24	10.7/0.421	14.75	600	✓					✓						
	116734	MFQ 08-32D	32	8.7/0.343	11.10	800		✓										
4:1/10:1 MFQX	116036	MFQX 05-16L	16	5.3/0.209	3.07	2500		✓		✓								
	116037	MFQX 05-24L	24	5.3/0.209	3.69	2000		✓		✓								
	116038	MFQX 07-24T	24	7.5/0.295	6.28	1500	✓				✓							
	116039	MFQX 08-24T	24	8.7/0.343	8.89	750	✓				✓						✓	
	116044	MFQX 10-24T	24	10.7/0.421	14.92	600	✓				✓							
	116735	MFQX 08-32D	32	8.7/0.343	11.10	800		✓				✓						

Matching dispensers

				Ratio				Force (kN)
		ID	Article	1:1	2:1	4:1	10:1	
DM dispenser manual 		114413	DM 200-01	✓	✓			5.2
		114425	DM 200-04			✓		5.2
		114535	DM 200-10				✓	5.2
DP dispenser pneumatic 		114780	DP 200-70-01	✓	✓			2.2
		114664	DP 200-70-04			✓		2.2
		114539	DP 200-70-10				✓	2.2

MIXPAC™ F-System



Matching dispensers

	ID	Article	Ratio				Force (kN)
			1:1	2:1	4:1	10:1	
DM dispenser manual 	114399	DM 400-01	✓	✓			6.4
	114400	DM 400-04			✓		6.4
	114401	DM 400-10				✓	6.4
DP dispenser pneumatic 	114781	DP 400-85-01	✓	✓			3.2
	114466	DP 400-100-01	✓	✓			4.5
	114782	DP 400-85-04			✓		3.2
	114559	DP 400-100-04			✓		4.5
	114783	DP 400-85-10				✓	3.2
	114465	DP 400-100-10				✓	4.5
DB dispenser battery 	152603	DB2 400-50-100	✓				5.0
	152605	DB2 400-50-200		✓			5.0
	152607	DB2 400-50-300			✓		5.0
	152609	DB2 400-50-400				✓	5.0

MIXPAC™ K-System

Mixer Helix for System K, 1:1/2:1

Mixer Helix for System K, 4:1/10:1 (X type)

							Outlet Tip				Accessoires	
							Stepped Tip (T)	Straight Tip (D)	Luer Slip Tip (L)	Tapered Tip (S)	IOT 212-20	IOR 209-20
ID	Article	Number of Elements	Inner Diameter Ø mm/inch	Waste Volume (mL)	Units/Box							
1:1/2:1 MKH 	114252	MKH 02-08D	8	2.5/0.098	0.14	9000	✓				✓	✓
	114246	MKH 02-08S	8	2.5/0.098	0.19	9000			✓			
	114253	MKH 02-12D	12	2.5/0.098	0.23	8000	✓				✓	✓
	117249	MKH 02-12S	12	2.5/0.098	0.23	8000			✓			
	115686	MKH 02-16S	16	2.5/0.098	0.27	7000			✓			
	114254	MKH 03-12D	12	3.2/0.126	0.39	6000	✓				✓	✓
	114250	MKH 03-12S	12	3.2/0.126	0.39	6000			✓			
	114251	MKH 03-16S	16	3.2/0.126	0.49	4000			✓			
4:1/10:1 MKHX 	114260	MKHX 02-08D	8	2.5/0.098	0.19	9000	✓				✓	✓
	114255	MKHX 02-08S	8	2.5/0.098	0.19	9000			✓			
	114261	MKHX 02-12D	12	2.5/0.098	0.23	8000	✓				✓	✓
	114256	MKHX 02-12S	12	2.5/0.098	0.23	8000			✓			
	114257	MKHX 02-16S	16	2.5/0.098	0.27	7000			✓			
	114262	MKHX 03-12D	12	3.2/0.126	0.39	6000	✓				✓	✓
	114258	MKHX 03-12S	12	3.2/0.126	0.39	6000			✓			
	114259	MKHX 03-16S	16	3.2/0.126	0.49	4000			✓			