

SAPPHIRE PIPETTES ORDER INFORMATION

Sapphire Pipettes

/ single-channel pipette

Item no.	Volume range [μ L]	Colour code	Qty. inner / outer
89000002	0.2 - 2	orange	1/1
89000010	1 - 10	red	1/1
89000020	2 - 20	light yellow	1/1
89000100	10 - 100	light orange	1/1
89000200	20 - 200	yellow	1/1
89001000	100 - 1000	blue	1/1
89000500	500 - 5000	violet	1/1
89010000	1000 - 10000	light blue	1/1

/ 8-channel pipette

Item no.	Volume range [μ L]	Colour code	Qty. inner / outer
89000810	0.5 - 10	red	1/1
89000820	2 - 20	light yellow	1/1
89008200	20 - 200	yellow	1/1
89008300	20 - 300	green	1/1

/ 12-channel pipette

Item no.	Volume range [μ L]	Colour code	Qty. inner / outer
89001210	0.5 - 10	red	1/1
89001220	2 - 20	light yellow	1/1
89012200	20 - 200	yellow	1/1
89012300	20 - 300	green	1/1

Accessories

Item no.	Description	Colour code	Qty. inner / outer
89000099	carrousel pipette holder	-	1 / 1
89019801	ID Clip	white	10
89019803	ID Clip	red	10
89019804	ID Clip	blue	10
89019805	ID Clip	green	10
89019806	ID Clip	yellow	10
89019809	ID Clip	assorted	10



신영코퍼레이션
GBO Sapphire Tip&Pipette 독점수입공급원

제품문의 02-575-7476 FAX 02-575-7472
06748 서울특별시 서초구 양재천로21길 22 광명빌딩 1층
홈페이지 www.sycos.co.kr 이메일 syc@sycos.co.kr

making a difference



**YOUR RESULTS -
OUR PIPETTES**

SAPPHIRE
Pipettes

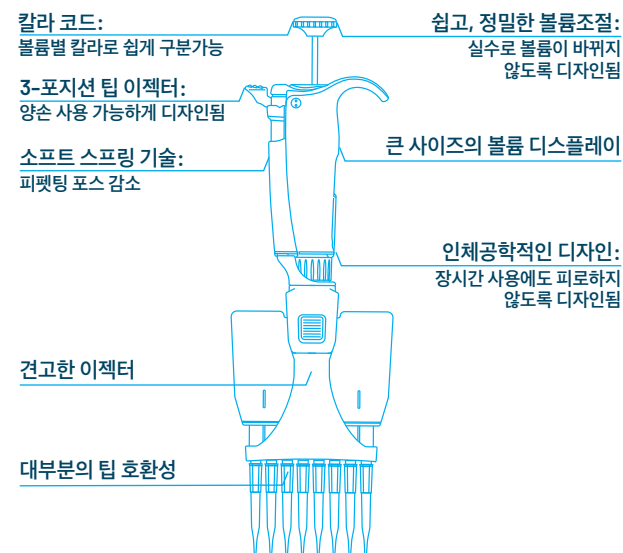


WHY SAPPHIRE PIPETTES?

Greiner Bio-One은 수십 년 동안 liquid handling의 전문지식을 축적해온 글로벌 liquid handling specialist로서 이 분야의 발전과 고객 지향성에 지속적으로 집중하였으며, 최첨단 기술과 디자인을 결합한 "Sapphire Pipette"을 출시하였습니다.

SAPPHIRE PIPETTES FEATURES

- / 인체공학적 설계로 최적의 편안함을 제공
- / 위치 조절이 가능한 이젝터 버튼
- / 미세 볼륨조정 가능
- / 초경량화 및 뛰어난 내구성
- / 현저하게 감소시킨 피펫팅 힘
- / 높은 정확도와 정밀도
- / 전체 오토클레이브 및 UV 살균 가능
- / ISO 8655 준수



SAPPHIRE PIPETTES PERFORMANCE DATA



Sapphire Pipette은 ISO 8655를 준수하고 우수한 정확도와 정밀도를 자랑합니다.

Single-Channel Pipettes

Sapphire Pipette Specifications							ISO 8655 Specifications			
Model	Volume range	Volume	Systematic error		Random error		Systematic error		Random error	
	[µl]	[µl]	[µl]	[%]	[µl]	[%]	[µl]	[%]	[µl]	[%]
1 x 2	0.2 - 2	0.2	± 0.026	± 13.2	≤ 0.013	≤ 6.6	± 0.080	± 40.0	≤ 0.040	≤ 20.0
		2	± 0.033	± 1.7	≤ 0.015	≤ 0.8	± 0.080	± 4.0	≤ 0.040	≤ 2.0
1 x 10	1 - 10	1	± 0.028	± 2.8	≤ 0.013	≤ 1.3	± 0.120	± 12.0	≤ 0.080	≤ 8.0
		10	± 0.110	± 1.1	≤ 0.044	≤ 0.4	± 0.120	± 1.2	≤ 0.080	≤ 0.8
1 x 20	2 - 10	2	± 0.11	± 5.5	≤ 0.033	≤ 1.7	± 0.20	± 10.0	≤ 0.100	≤ 5.0
		20	± 0.20	± 1.0	≤ 0.066	≤ 0.3	± 0.20	± 1.0	≤ 0.100	≤ 0.5
1 x 100	10 - 100	10	± 0.39	± 3.9	≤ 0.11	≤ 1.1	± 0.80	± 8.0	≤ 0.30	≤ 3.0
		100	± 0.80	± 0.8	≤ 0.17	≤ 0.2	± 0.80	± 0.8	≤ 0.30	≤ 0.3
1 x 200	20 - 200	20	± 0.55	± 2.8	≤ 0.22	≤ 1.1	± 1.60	± 8.0	≤ 0.60	≤ 3.0
		200	± 1.60	± 0.8	≤ 0.33	≤ 0.2	± 1.60	± 0.8	≤ 0.60	≤ 0.3
1 x 1000	100 - 1000	100	± 3.3	± 3.3	≤ 0.7	≤ 0.7	± 8.0	± 8.0	≤ 3.0	≤ 3.0
		1000	± 8.0	± 0.8	≤ 1.7	≤ 0.2	± 8.0	± 0.8	≤ 3.0	≤ 0.3
1 x 5000	500 - 5000	500	± 13	± 2.6	≤ 3.3	≤ 0.7	± 40	± 8.0	≤ 15	≤ 3.0
		5000	± 33	± 0.7	≤ 8.8	≤ 0.2	± 40	± 0.8	≤ 15	≤ 0.3
1 x 10000	1000 -10000	1000	± 33	± 3.3	≤ 6.6	≤ 0.7	± 60	± 6.0	≤ 30	≤ 3.0
		10000	± 60	± 0.6	≤ 17.6	≤ 0.2	± 60	± 0.6	≤ 30	≤ 0.3

Multi-Channel Pipettes

Model	Sapphire Pipette Specifications						ISO 8655 Specifications			
	Volume range	Volume	Systematic error		Random error		Systematic error		Random error	
	[µl]	[µl]	[µl]	[%]	[µl]	[%]	[µl]	[%]	[µl]	[%]
8 x 10	0.5 - 10	0.5	± 0.09	± 17.6	≤ 0.04	≤ 8.8	± 0.24	± 48.0	≤ 0.16	≤ 32.0
12 x 10		10	± 0.22	± 2.2	≤ 0.11	≤ 1.1	± 0.24	± 2.4	≤ 0.16	≤ 1.6
8 x 20	2 - 20	2	± 0.11	± 5.5	≤ 0.09	≤ 4.4	± 0.40	± 20.0	≤ 0.20	≤ 10.0
12 x 20		20	± 0.40	± 2.0	≤ 0.17	≤ 0.8	± 0.40	± 2.0	≤ 0.20	≤ 1.0
8 x 200	20 - 200	20	± 0.6	± 2.8	≤ 0.28	≤ 1.4	± 3.2	± 16.0	≤ 1.20	≤ 6.0
12 x 200		200	± 2.2	± 1.1	≤ 0.55	≤ 0.3	± 3.2	± 1.6	≤ 1.20	≤ 0.6
8 x 300	20 - 300	20	± 1.10	± 5.5	≤ 0.39	≤ 1.9	± 3.2	± 16.0	≤ 1.20	≤ 6.0
12 x 300		300	± 3.30	± 1.1	≤ 1.10	≤ 0.4	± 3.2	± 1.6	≤ 1.20	≤ 0.6