

빠른 참조 안내서

Agilent 7800/7850/7900/8900 ICP-MS 소모품

애질런트 기기를 위한 애질런트 소모품

애질런트는 실험실의 생산성을 최적화하기 위해 최선을 다하고 있습니다. 이 참조 안내서는 애질런트 SQ 및 TQ ICP-MS에 대해 가장 많이 주문하는 소모품 및 부품을 보여줍니다. 이 리스트를 보유하면 필요한 소모품을 빠르게 찾아볼 수 있고 기기 가동 중단 시간을 최소화할 수 있습니다.



샘플러 콘 및 소모품(모든 모델에 적합)	품번
Ni-tip Cu base sampler cone care package Includes 2pcs Ni sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0294
Pt-tip Cu base sampler cone care package Includes 2pcs Pt sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0296
Ni-tip, Ni-plated base sampler cone care package Includes 2pcs Ni-plated sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0295
Pt-tip Nickel-plated sampler cone care package Includes 2pcs Pt-tip Ni-plated sampler, 1pc magnifier tool, 1pk graphite gaskets, 1pk cotton swabs	5067-0297

샘플러 콘 및 소모품(계속)	품번
Gasket, graphite, for sampling cone, 3/pk	G3280-67009
Sampler cone, Ni-tip with Cu base (std for x-lens)	G3280-67040
Sampler cone, Pt-tip with Cu base (standard for s-lens / semiconductor configuration)	G3280-67036
Sampler cone, Ni-tip with Ni-plated Cu base (for samples containing >0.5% HCl and when using maximum HMI aerosol dilution)	G3280-67061
Sampler cone, Pt-tip with Ni-plated Cu base (for aggressive acid matrix especially HCl, HF and HClO ₄)	G3280-67142
Magnifier tool	5190-9614
Cotton swabs, 1pk of 100pcs	9300-2574

**스키머 콘
이온 렌즈 구성 및 ICP-MS 시리즈에 의해 선택**

설명	x-렌즈	x-렌즈	S-렌즈(반도체)	S-렌즈(반도체)
	7800/7850	7900/8900	7900	8900
Nickel	G3280-67041	G8400-67200	G3280-67066	G3666-67421
Platinum, with copper base	G3280-67060	G8400-67201	G3280-67064	G3666-67401
Platinum, with nickel base	G3280-67063	G8400-67202	G3280-67065	G3666-67411

참고: 음영 셀은 표준 구성을 나타냄

**스키머 베이스
먼저 이온 렌즈 구성 및 ICP-MS 시리즈에 근거하여 선택한 다음 인터페이스 콘 재료(니켈, Ni 또는 백금, Pt)에 근거하여 선택**

설명	x-렌즈	x-렌즈	x-렌즈	S-렌즈(반도체)	S-렌즈(반도체)
	7800/7850	7900	8900	7900	8900
Stainless steel(use with Ni cones)	G3280-60608	G8400-60624	G3666-60301	G8400-60627	-
Brass(use with Pt cones)	G3280-60621	G8400-60625	G3666-60311	G8400-60626	G3666-60401

참고: 음영 셀은 표준 구성을 나타냄

인터페이스 콘 선택에 대한 자세한 내용은 [콘 선택 가이드](#)를 참조하세요.

Nebulizer 및 소모품	품번
MicroMist nebulizer, borosilicate glass, U-series, standard for Agilent 7800/7850/7900 ICP-MS	G3266-80004
UniFit sample connector, for U-series MicroMist nebulizer, 0.5mm id, 10/pk	G3266-80012
UniFit sample connector, for U-series MicroMist nebulizer, 0.25 mm id, 10/pk	G3266-80013
UniFit sample connector, for U-series MicroMist nebulizer, 0.75 mm id, 10/pk	G8010-80035
MicroMist nebulizer, with PEEK gas connector. Suits Agilent 8900 ICP-MS	G3266-80005
Nebulizer gas fitting, with PEEK ratchet connector, 1/pk. Suits MicroMist nebulizer with PEEK gas fitting used with the Agilent 8900 ICP-MS	G3266-80017
MicroFlow nebulizer, PFA, 200µL/min, self-aspirating	G3139-65100
MicroFlow nebulizer, with I-AS probe, PFA, 200µL/min, self-aspirating	G3139-65102

튜빙	품번
Peristaltic pump tubing, Tygon, 3-stop white/white, for sample introduction with 1.02mm id, 40cm, 12/pk	G1833-65569
Peristaltic pump tubing, for pumping internal standard with, 0.25mm id, 2-stop blue/orange, 12/pk	G3280-67047
Peristaltic pump tubing, for spray chamber drain, Ismaprene 3-stop yellow/blue, 1.52mm id, 40cm, 12/pk	G1833-65570
Sample tubing, PFA, for sample introduction, 0.5mm id, 1.6mm od, 5m	G1820-65105
Online internal standard addition kit for ICP-MS	G3280-60590
Drain tubing, for use between peri-pump tubing and drain tank), 4.0mm id, 2.5m	G1820-65515
Tubing, Tygon, for drain to drain tank, 3m	G3280-60077

ICP-MS용 소모품

귀하의 ICP-MS에 적합한 소모품의 전체 목록을 살펴보면 아래 링크를 클릭하여 ICP-MS 모델 및 렌즈 유형/구성을 선택하세요. "즐거찾는 제품 목록"에 액세스하려면 인터넷에 연결한 다음 Agilent.com 주문 센터 계정에 등록해야 합니다.

[7800\(G8421A/N8421A\)](#)

[7850\(G8422AA/N8422AA\)](#)

x-렌즈가 있는 7900(G8403A/N8403A)

s-렌즈가 있는 7900(G8403A/N8403A #200)

x-렌즈가 있는 8900(G3665A/N3665A, #100 포함)

s-렌즈가 있는 8900(G3665A/N3665A #200)

스프레이 챔버 소모품	품번
Spray chamber, quartz, double-pass, for Agilent 7800 ICP-MS(non-HMI/UHMI). Can be used with the Agilent 7850/7900/8900 ICP-MS when Ultra HMI capability is not required.	G3280-80008
Endcap, for spray chamber	G3280-60008
Connector tubing, quartz straight, between spray chamber and torch	G3270-80025
Connector tubing, quartz, with dilution port	G3270-80024
Spray chamber, quartz, for UHMI, Agilent 7850/7900/8900 ICP-MS. Required when using Ultra HMI capability. For operation without Ultra HMI capability, use (p/n G3280-80008).	G8400-67150
Clamp, torch ball joint connector, secures ball joint connector between torch and spray chamber	G8400-60327
Endcap retainer ring for spray chamber for p/n G8400-67150	G8400-40200
Dilution nozzle for UHMI, for p/n G8400-67150	G8400-67026
Drain tubing assembly(tubing between spray chamber and peristaltic pump, includes two connectors, bushing and tubing)	G3280-60555

토치	품번
Torch, quartz, 2.5 mm id, standard torch	G3280-80053
Torch, quartz, tapered, 1.5mm id, for use with organic solvents	G3280-80080
Torch, quartz, tapered, 1.0 mm id, for use with highly volatile organic solvents	G3280-80081
Torch bonnet, quartz	G1833-65421
Shield plate, long life, platinum, for torch	G1833-65419

진공 시스템 소모품	품번
AVF Platinum oil for Agilent MS40+ foreline pump 1 L	X3760-64004
Oil mist filter element for Agilent MS40+ (change at least annually)	G1960-80039

SPS 4 자동 시료 주입기 소모품	품번
랙 및 튜브	
Standards rack, 5-position, (standard configuration). Provides 5 locations for 250mL 60mm od narrow neck sample containers.	G8410-40001
Standards rack, 34-position (optional configuration). Provides 12 locations for 50 mL 30 mm od tubes and 22 locations for 18 mm od tubes. (Only supported with MassHunter software version 4.5 or greater)	G8410-40000
Sample rack for 13mm od tubes, 90 positions, 1/pk	6610026400
Sample rack for 16 mm od tubes, 60 positions, 1/pk	6610025400
Sample rack for 20 mm od tubes, 40 positions, 1/pk	6610025500
Sample rack for 25 mm od tubes, 24 positions, 1/pk	6610026500
Sample rack for 30mm od tubes(50mL centrifuge tubes), 21 positions, 1/pk	6610026600
Rack overlay for 60-position sample rack (2 per rack recommended), for Agilent SPS 4 autosampler. Allows 13mm and some 16mm od tubes to be used in 60-position rack.	6610026100
Rack overlay for 40-position sample rack (2 per rack recommended), for Agilent SPS 4 autosampler. Allows 18mm od tubes to be used in 40-position rack	6610026000
Bottle 250mL for 5-position standards rack, 1/pk	5043-0064
Centrifuge tubes, polypropylene, 5 to 50mL at 2.5mL intervals, 500/pk, screw cap, 29mm od	190065200
Polypropylene tubes, 17mm od, 16.5mL, 1,000/pk	0000001600L
행궁 펌프용 연동 펌프 튜빙	
Peristaltic pump tubing, PVC SolvaFlex, 3-bridged, gray/gray tabs, for Agilent SPS 4 when pumping acidic or aqueous rinses, 12/pk	3710049000
Peristaltic pump tubing, Santoprene, 3-bridged, gray/gray tabs, for ketone-based solvents on AA, MP-AES, and ICP-OES instruments, 6/pk	3710057500
Peristaltic pump tubing, FPM, 3-bridged, black/black tabs with flared ends, for use with Agilent SPS 4 autosampler when pumping aromatic organic samples, 12/pk	3710069100
예비 프로브	
SPS 4 probe, 0.25mm id, red marker, inert, FEP sleeved, 1/pk	G8410-80100
SPS 4 probe, 0.5mm id, yellow marker, inert, FEP sleeved, 1/pk(standard probe for ICP-MS)	G8410-80101
SPS 4 probe, 0.8mm id, green marker, inert, FEP sleeved, 1/pk	G8410-80102
SPS 4 sample probe with red marker, 1/pk. Required when using the Agilent SPS 4 autosampler with microtiter tray for sampling from a 96 position well plate. Requires, but does not include, the well plate tray adaptor kit or any compatible well plates.	G8410-80105

SPS 4 자동 시료 주입기 옵션	품번
High uptake volume rinse kit for Agilent SPS 4 autosampler to connect to ISIS 3. Allows rinse uptake rate to be increased to 25 mL/min.	G8410-68260
SPS 4 rinse tube kit, for low volatile organic solvents in rinse station. Includes 1m capillary, 3-bridged gray/gray PVC Solvaflex (4 pump tubes), barb connector, 2.5 -1.5 mm, solvent-resistant tubing for inlet + outlet	G8410-68261
Pump drain kit for Agilent SPS 4 autosampler. Allows the liquid overflow to be pumped from the rinse station. Includes wide-bore tubing, purple/white tabs(4 pump tubes), barb connectors, 2.5m PVC Solvaflex to connect to a remote pump(not supplied).	G8410-68262
Well plate startup kit for Agilent SPS 4 autosampler. Allows the SPS 4 to be adapted to sample from 96-well plates. Includes well plates(10/pk), well plate adapter, and sample probe. Only supported with the ICP-MS MassHunter software	G8410-68270

튜닝 용액	품번
ICP-MS stock tuning solution: Li, Y, Ce, Tl, and Co; 100 mL, 10 mg/L; matrix 2% HNO ₃	5188-6564
ICP-MS stock tuning solution: Li, Mg, Y, Ce, Tl, Co; 100 mL, 10 mg/L; matrix 2% HNO ₃	5190-0465
Tuning solution: Li, Y, Ce, Tl, and Co; 2 x 500 mL, 10 µg/L; matrix 2% HNO ₃	5184-3566
PA tuning solution kit: 2 x 100 mL bottles Tuning 1: 20 ppm each of Zn, Be, Cd, As; 10 ppm each of Ni, Pb, Mg; 5 ppm each of Tl, Na Al, U, Cu, Th, Ba, Co, Sr, V, Cr, Mn, 6Li, Sc, In, Lu, Bi; 2.5 ppm each of Y, Yb; matrix 2 to 5% HNO ₃ Tuning 2: 10 ppm each of Mo, Sb, Sn, Ge, Ru, Pd; 5 ppm of Ti, Ir; matrix 10% HCl/1% HNO ₃ /trace HF	5188-6524

작동 소모품 키트*	품번
Basic supplies kit for Agilent 7800/7850/7900 and 8900 ICP-MS, fitted with x-lens and roughing pump using AVF Platinum oil.* Includes: peristaltic pump tubes for sample, Tygon, 3-stop, white/white, 12/pk; peristaltic pump tubes for waste, Ismaprene, 3-stop, yellow/blue, 12/pk; peristaltic pump tubes for internal standard, Tygon, 2-stop, blue/orange, 12/pk; PFA sample tubing, 0.5 mm id, 1.6 mm od, 5 m; graphite gasket for sampling cone, 3/pk; rough pump oil, AVF Platinum, 1 L; and torch with 2.5 mm id injector.	G3280-67221

* 추가 옵션 등에 대한 자세한 내용은 애질런트 발행물을 참조하세요.
Agilent ICP-MS용 예비 부품 및 작동 소모품 키트(p/n [5991-5006EN](#))

10µg/mL 단일 원소 ICP-MS 표준물질 100mL 병으로 제공	품번
Aluminum(Al) in 2% HNO ₃	5190-8561
Antimony(Sb) in 1% HNO ₃ , trace tartaric acid	5190-8562
Arsenic(As) in 2% HNO ₃	5190-8563
Barium(Ba) in 2% HNO ₃	5190-8564
Beryllium(Be) in 2% HNO ₃	5190-8565
Boron(B) in H ₂ O	5190-8566
Cadmium(Cd) in 2% HNO ₃	5190-8567
Chromium(Cr) in 2% HNO ₃	5190-8568
Copper(Cu) in 2% HNO ₃	5190-8569
Iridium(Ir) in 2% HCl	5190-8570
Lead(Pb) in 2% HNO ₃	5190-8571
Lithium(Li) in 2% HNO ₃	5190-8572
Lutetium(Lu) in 2% HNO ₃	5190-8573
Manganese(Mn) in 2% HNO ₃	5190-8574
Mercury(Hg) in 5% HNO ₃	5190-8575
Nickel(Ni) in 2% HNO ₃	5190-8576
Platinum(Pt) in 5% HCl	5190-8577
Scandium(Sc) in 2% HNO ₃	5190-8578
Selenium(Se) in 2% HNO ₃	5190-8579
Silver(Ag) in 2% HNO ₃	5190-8580
Strontium(Sr) in 2% HNO ₃	5190-8581
Terbium(Tb) in 2% HNO ₃	5190-8582
Tin(Sn) in 5% HCl	5190-8583
Uranium(U) in 2% HNO ₃	5190-8584
Vanadium(V) in 5% HNO ₃	5190-8585
Yttrium(Y) in 2% HNO ₃	5190-8586
Zinc(Zn) in 2% HNO ₃	5190-8587

애질런트 소모품 - 귀하가 원하는 결과를 얻을 수 있도록 도와드립니다

애질런트의 소모품은 ISO 9001의 인증을 받은 품질 관리 시스템에서 애질런트의 엄격한 기준에 맞춰 설계, 제조, 테스트됩니다. 왜 분석 결과에 영향주는 위험을 감수하며 정품 애질런트 소모품보다 품질이 낮은 제품을 선택하십니까?

AA 램프와 AA, ICP-OES, ICP-MS, MP-AES 제품용 소모품을 포함한 애질런트 원자 분광기 소모품의 전체 목록을 살펴보려면 다음 사이트를 방문하세요. www.agilent.com/chem/atomic

DE.8562384259

이 정보는 사전 고지 없이 변경될 수 있습니다.

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2020년 10월 27일, 한국에서 인쇄
5991-7990KO

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A+ 에셋타워 9층, 06621
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팩스: 82-2-3452-2451
이메일: korea-inquiry_lsca@agilent.com

다원소 검량 표준물질	품번
Multi-element calibration standard 1, 100mL: 10mg/L of Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, Y, Yb; matrix 5% HNO ₃	8500-6944
Multi-element calibration standard 2A, 100mL: 10mg/L of Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Ti, U, V, Zn; matrix 5% HNO ₃	8500-6940
Multi-element calibration standard 3, 100 mL: 10mg/L of Sb, Au, Hf, Ir, Pd, Pt, Rh, Ru, Te, Sn; matrix 10% HCl/1% HNO ₃	8500-6948
Multi-element calibration standard 4B, 100mL: 10mg/L of B, Ge, Mo, Nb, P, Re, S, Si, Ta, Ti, W, Zr; matrix H2O/trace HF	8500-6942

반정량 표준물질 100mL 병으로 제공	품번
ICP-MS semiquantitative calibration standard 1. Contains: 10µg/mL Ag, Al, As, Ba, Bi, Ca, Cd, Ce, Dy, Er, Eu, Ga, Gd, Ho, La, Lu, Mg, Na, Nd, P, Pb, Pr, Rb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tm, U, Y, Yb; matrix 40% aqua regia	5190-8594
ICP-MS semiquantitative calibration standard 2. Contains: 10µg/mL Au, B, Be, Co, Cr, Cu, Fe, Ge, Hf, Ir, K, Li, Mn, Mo, Nb, Ni, Os, Pd, Pt, Re, Rh, Ru, Sb, Si, Sn, Ta, Te, Ti, V, W, Zn, Zr; matrix 40% aqua regia, trace HF	5190-8595

환경 표준물질	품번
Environmental calibration standard, 100mL; 1,000mg/L of Fe, K, Ca, Na, Mg; 10mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix 10% HNO ₃	5183-4688
Initial calibration verification standard, 100mL; 1,000mg/L of Fe, K, Ca, Na, Mg, Sr; 10mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, Th, U; matrix 5% HNO ₃	5183-4682
Internal standard mix, 100mL; 100 ppm of 6Li, Sc, Ge, Rh, In, Tb, Lu, Bi; matrix 10% HNO ₃	5188-6525
Internal standard mix, 100mL; 10mg/L of 6Li, Sc, Ge, Y, In, Tb, Bi; matrix 5 to 10% HNO ₃	5183-4681
Environmental spike mix, 100mL; 1,000mg/L Fe, K, Ca, Na, Mg, 100mg/L Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Ti, V, Zn, U; matrix 5% HNO ₃	5183-4687
6020 interference check solution A, 100mL: 20,000ppm of Cl; 3,000ppm of Ca; 2,500ppm each of Fe, Na; 2,000ppm of of C; 1,000ppm each of Al, Mg, P, K, S; 20ppm each of Ti, Mo; matrix 5% HNO ₃ /trace HF	5188-6526
6020 interference check solution B, 100mL: 20ppm each of Cr, Co, Cu, Mn, Ni, V; 10ppm each of As, Cd, Se, Zn; 5ppm of Ag; matrix 5% HNO ₃	5188-6527