



# Agilent 7700 Series ICP-MS Supplies

## Quick reference guide

### Agilent supplies for Agilent instruments

Agilent Technologies is committed to optimizing your laboratory's productivity, so we have produced this list of the most commonly ordered supplies and parts for the 7700 series ICP-MS. Keep this list handy so you can quickly find the supplies you need and minimize instrument downtime.



Spray Chamber Supplies	Part No.
Spray chamber (quartz)	G3280-80008
End cap	G3280-60008
Connector between spray chamber and torch (quartz)	G1833-65426
Drain tubing (tubing between peri-pump tubing and drain tank)	G1820-65515
Tygon tubing, 3 m (for drain to drain tank)	G3280-60077
Drain tubing kit (tubing between spray chamber and peri-pump, includes two connectors, bushing and tubing)	G1833-65411

Tubing	Part No.
Peri-pump sample tubing, tygon, 1.02 mm id, 40 cm, 12/pk	G1833-65569
Peri-pump tubing for ISTD, 0.25 mm id, 12/pk	G3280-67047
Peri-pump drain tubing, 1.52 mm id, 40 cm, 12/pk	G1833-65570
Sample tubing, PFA, 0.5 mm id, 1.6 mm od, 5 m	G1820-65105
Online ISTD addition kit for 7700	G3280-60590

Torch	Part No.
Torch (quartz), 2.5 mm id	G3280-80001
Torch (quartz), 1.5 mm id taper type for use with organics	G3280-80004
Torch (quartz), 1.0 mm id taper type for use with organics	G3280-80005
Bonnet (quartz ring for shield torch)	G1833-65421

Cones and Supplies	Part No.
Nickel sampling cone (standard for 7700x/e)	G3280-67040
Platinum sampling cone (standard for 7700s; also for 7700x/e)	G3280-67036
Ni plated sampling cone (recommended when samples containing > 0.5% HCl are analyzed)	G3280-67061
Nickel skimmer (standard for 7700x/e)	G3280-67041
Platinum skimmer, Cu base (standard for 7700s)	G3280-67064
Platinum skimmer, Ni base for 7700x/e	G3280-67063
Graphite gasket for sampling cone, 3/pk	G3280-67009

Nebulizer and Supplies	Part No.
MicroMist nebulizer (standard for 7700x/e)	G3266-65003
Sample tubing for MicroMist, 0.5 mm id, 10/pk	G3266-80011
Sample tubing for MicroMist, 0.25 mm id, 10/pk	G3266-80010
MicroFlow nebulizer (200 µL/min)	G3139-65100
MicroFlow nebulizer with I-AS probe (200 µL/min, standard for 7700s)	G3139-65102

Vacuum System Supplies	Part No.
Foreline pump oil, 1 L	6040-0834
Foreline pump oil, 4 L	6040-0798



Multi-element Calibration Standards	Part No.
Multi-element calibration standard-1, 100 mL: 10 mg/L of Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th, Tm, Y, Yb; matrix 5% HNO <sub>3</sub>	8500-6944
Multi-element calibration standard-2A, 100 mL: 10 mg/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, Tl, U, V, Zn; matrix 5% HNO <sub>3</sub>	8500-6940
Multi-element calibration standard-3, 100 mL: 10 mg/L of Sb, Au, Hf, Ir, Pd, Pt, Rh, Ru, Te, Sn; matrix 10% HCl/1% HNO <sub>3</sub>	8500-6948
Multi-element calibration standard-4, 100 mL: 10 mg/L of B, Ge, Mo, Nb, P, Re, S, Si, Ta, Ti, W, Zr; matrix H <sub>2</sub> O/trace HF	8500-6942

Tuning Solutions	Part No.
Stock tuning solution: Li, Y, Ce, Tl and Co; 100 mL, 10 mg/L; matrix 2% HNO <sub>3</sub>	5188-6564
Tuning solution: Li, Y, Ce, Tl and Co; 2 x 500 mL, 10 µg/L; matrix 2% HNO <sub>3</sub>	5184-3566

PA Tuning Solution Kit	Part No.
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, <sup>6</sup> Li, Sc, In, Lu, Bi; 2.5 ppm each of Y, Yb; matrix 2 to 5% HNO <sub>3</sub> Tuning 2: 10 ppm each of Mo, Sb, Sn, Ge, Ru, Pd; 5 ppm of Ti, Ir; matrix 10% HCl/1% HNO <sub>3</sub> /trace HF	5188-6524

Interference Check Mixes	Part No.
6020 interference check solution A, 100 mL: 20,000 ppm of Cl; 3,000 ppm of Ca; 2,500 ppm each of Fe, Na; 2,000 ppm of C; 1,000 ppm each of Al, Mg, P, K, S; 20 ppm each of Ti, Mo; matrix 5% HNO <sub>3</sub> /trace HF	5188-6526
6020 interference check solution B, 100 mL: 20 ppm each of Cr, Co, Cu, Mn, Ni, V; 10 ppm each of As, Cd, Se, Zn; 5 ppm of Ag; matrix 5% HNO <sub>3</sub>	5188-6527

Environmental Standards	Part No.
Environmental calibration standard, 100 mL: 1,000 mg/L of Fe, K, Ca, Na, Mg; 10 mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn, Th, U; matrix 10% HNO <sub>3</sub>	5183-4688
Initial calibration verification standard, 100 mL; 1,000 mg/L of Fe, K, Ca, Na, Mg, Sr; 10 mg/L of Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn, Th, U; matrix 5% HNO <sub>3</sub>	5183-4682
Internal standard mix, 100 mL; 100 ppm of <sup>6</sup> Li, Sc, Ge, Rh, In, Tb, Lu, Bi; matrix 10% HNO <sub>3</sub>	5188-6525
Internal standard mix, 100 mL; 10 mg/L of <sup>6</sup> Li, Sc, Ge, Y, In, Tb, Bi; matrix 5 to 10% HNO <sub>3</sub>	5183-4681

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Published in UK, June 8, 2011

5990-8182EN



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