

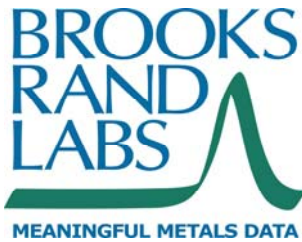
Parts List

3958 6th Ave NW
Seattle, WA 98107
U.S.A.

tel: +1-206-632-6206
fax: +1-206-632-6017
Email: brl@brooksrand.com

www.brooksrand.com

Part #	Description
X7000 - Detector and Autosampler Parts, Data Acquisition and Software	
07100	Replacement Lamp for Model III CVAFS detector
07110	Quartz fluorescence cell for CVAFS detector
07120	UV Photomultiplier Tube for CVAFS Detector
07130	PMT Power Supply for CVAFS Detector
07331	Mercury Guru Advanced System Software (v4.1.0) Upgrade from Guru 3.X
07332	Mercury Guru Advanced System Software (v4.1.0). 30 day free trial.
17410	MERX Autosampler Vial Rack, 24 pos. (3 x 8), 40mL Vials
X3000 - Total Mercury Parts	
03001	MERX Total Hg autosampler septum piercing needle, non-metallic
03005	MERX Total Hg replacement tubing for autosampler septum piercing needle
03010	Gold wire trap with Teflon end plugs (1/4" od x 10 cm) analytical grade
03020	Gold-coated quartz sand trap with Teflon end plugs (1/4" od x 10 cm)
03030	Gold-coated glass bead trap with Teflon end plugs (1/4" od x 10 cm) analytical grade
03040	MERX Gold-coated quartz sand trap (3 pack)
03100	Gold-coated glass beads. Bulk. Price is per gram. 30g minimum.
03101	Gold-coated glass beads, 1 gram
03105	Gold-coated glass beads, 5 grams
03110	Gold-coated sand, analytical grade. Bulk. Price is per gram. 30g minimum.
03111	Gold-coated sand, analytical grade. 1 gram
03115	Gold-coated sand, analytical grade. 5 grams
03300	Coil connection for Trap Desorption Module (#02101).
03301	Air Calibration Unit maintenance kit 3 caps and t-port sep Assy
03302	T-port for manual headspace injection.
03400	Teflon 3/8" ID tubing, 10 cm 4pk for Soda lime trap
03410	Soda lime trap parts kit
03411	Glass Wool-silane Treated 5 Grams
03412	Soda Lime, Ultra-Trace Hg grade, 500g
03420	MERX Soda Lime Canister Kit, with connectors, soda lime and glass wool
03430	MERX Total Hg Trap Heating Coil
03600	Total Mercury Standard, 1 ppm, 1 year expiration, nitric acid preserved, 30 mL
03610	Hydroxylamine HCl Reagent, antifoaming, 125 mL
03620	Stannous Chloride Reagent, 125 mL



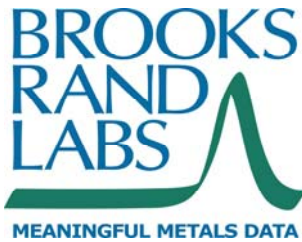
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X6000 - Methyl Mercury Parts	
06001	MERX Methyl Hg septum piercing needle for 72 position autosampler
06002	MERX Methyl Hg septum piercing needle for 96 position autosampler
06005	MERX Methyl Hg replacement tubing for autosampler septum piercing needle
06010	CarboTrap for Hg speciation. Silanized, blanked w/ends plugged w/Teflon
06020	Tenax Trap for Hg Speciation. Silanized, blanked with Teflon end plugs
06025	MERX Tenax Traps (3 pack) for Hg Speciation. Silanized, w/Teflon end plugs
06110	Ethylation Reagent Kit. Certified. Makes 10 x 3.7mL vials of 1% NaBEt4 in 2% KOH.
06120	Acetate Buffer, 250 mL with antifoam to eliminate or reduce sample foaming
06213	MERX Replacement Purge Vessel, Auto Methyl System
06300	Coil connection for Pyrolytic Column (#06520 to #05110).
06301	Coil connection for Trap Desorption Module (#08300 and #05100). 36 Inch
06302	Pyrolytic coil
06305	MERX Trap Rapid Desorption Unit (115V)
26305	MERX Trap Rapid Desorption Unit (230V)
06500	GC column heating cylinder (oven)
06501	GC oven with insulated lid type-J Thermo Couple (115V)
26501	GC oven with insulated lid type-J Thermo Couple (230V)
06510	15% OV-3 GC column (preconditioned) for Hg species separation
06511	Reconditioned 15% OV-3 GC Column
06512	GC column empty and not preconditioned
06513	GC column empty and preconditioned (acid cleaned and silanized)
06514	MERX GC Column for GC-Pyro Module
06520	Pyrolytic organo-Hg breakdown quartz column with nichrome wire coil
06521	Custom pyrolytic quartz column (40cm & no packing) with nichrome wire coil.
06530	Thermocouple for GC & Pyrolysis Module (#05110)
06601	MeHg std, 1 ppm in 0.5% HOAc, 0.2% HCl, 30 mL, MeHgOH source
06610	MeHg std, 1 ppm in 0.5% HOAc, 0.2% HCl, 30 mL, MeHgCl source
06620	n-Propyl Mercury Solution, 1 ppm. 30 mL, n-propyl HgCl source.
06700	Teflon distillation vial pair (one pair of 60mL vials, distill. caps, flat caps)
06701	Single Distillation vial cap with 1/8" Teflon tubing and ports.
06702	Distillation vial with flat storage cap.
06710	Distillation chiller block and freezer pan
06720	Teflon distillation vial set (10 pairs of 60mL vials, distill. caps, flat caps, and 2 vial holders)
06750	Distillation 60 ml vial holder, green plastic
06751	7 mL vial holder, plastic
06800	7 mL Teflon vial for ethylating reagent. 15 pack
06810	5 mL Teflon vial with flat cap, conical interior. 10 pack with holder
06811	5 mL Teflon vial with flat cap, conical interior. Single vial
06830	30 mL Teflon vial with flat cap, flat interior. 10 pack with holder
06831	30 mL Teflon vial with flat cap, flat interior. Single vial
06899	Teflon boiling chips for Methyl Hg sediment preparation. 125g.



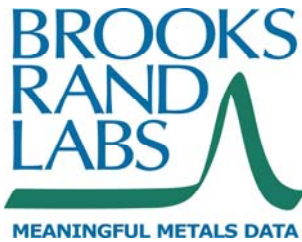
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X8000 - General Parts	
08001	Mercury removal trap. Gold-coated quartz sand, non-analytical grade
08002	Gold-coated quartz sand, non-analytical grade. Bulk. Per gram. 30g minimum
08100	Quartz wool, muffled, 5 grams.
08110	Quartz tube for gold or Tenax trap, annealed.
08201	Bubbler Stand for 1 bubbler (08210) for easy transport
08202	Bubbler Stand for 2 bubblers (08210) for easy transport
08203	Bubbler Stand for 3 bubblers (08210) for easy transport
08204	Bubbler Stand for 4 bubblers (08210) for easy transport
08205	Bubbler Stand for 5 bubblers (08210) for easy transport
08210	220 mL Glass bubbler - bottom only (no stopcock).
08211	220 mL glass bubbler with standard stopcock
08212	Standard Bubbler Stopcock
08300	Nichrome wire coil for heating gold trap or Tenax trap (For TDM)
08301	Coil connection for Variable Voltage Controller (08300 to Variac).
08400	Teflon end plug. 1/4" od & 3/8" od. Acid cleaned
08401	Teflon adapter. 1/4" x 1/4" od. 1/8" hole entire length. Acid cleaned
08402	Teflon adapter. 1/4" x 3/8" od. 1/8" hole entire length. Acid cleaned
08404	Teflon tubing adapter. 3/8" od. 1/8" and 1/4" hole each end to center
08405	Teflon 1/4" heat-shrink tubing. 3 cm long. 10 pieces/pack
08406	Teflon 1/8" tubing, 25 ft.
08407	Monobarb tubing, 1" pc. Fitting for ends of gold/Tenax traps 10/pk
08410	Adapter Kit. Includes 08400 qty 10, 08401 qty 10, 08406 qty 1, 08407 qty 1
08500	Direct reading flowmeter. 0-100 mL/min for air
08501	Flowmeter Replacement for, Distillation System flow control panel
08502	Flowmeter Replacement for TDM/ACM Module
08510	Correlated reading flowmeter used for purge and trap module.
08511	Single flowmeter panel, plumbed and with stand. For purge and trap module.
08512	Two flowmeter panel, plumbed and with stand. For purge and trap module.
08513	Three flowmeter panel, plumbed and with stand. For purge and trap module.
08514	Four flowmeter panel, plumbed and with stand. For purge and trap module.
08522	2 hole flow meter stand
08524	4 hole flow meter stand
08542	Fitting, Teflon PFA Male pipe adapter elbow Compression, 1/8"OD tubing
08543	Fitting, Teflon PFA Male branch tee
08544	Fitting, Teflon PFA Male pipe adapter (straight)
08551	Fitting, Elbow Polypropylene, Compression, 1/8"OD Tubing to 1/8NPT,
08552	Fitting, Straight, Polypropylene, Compression, 1/8"OD Tubing to 1/8NPT
08553	Fitting, Polypropylene, "T" Compression, for 1/8"OD Tubing, Bulkhead
08560	Fittings For Replacement meter 08501, Polypropylene
08561	Fittings For Replacement meter 08502, Teflon
08562	Fittings For Replacement meter 08510 END, Polypropylene
08563	Fittings For Replacement meter 08510 in-line (not END), Teflon



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X9000 - Sampling Supplies	
09010	Small IC Trap for gaseous Hg. 2 bed (100mg/50mg). Single Trap.
09011	Pre-spiked small IC Trap for gaseous Hg. 2 bed (100mg/50mg). Single trap.
09012	Spare caps for small IC Traps (0901X). 100/pk
09013	Iodated Carbon Material for gaseous Hg trapping. 20g
09014	Iodated Carbon Material for gaseous Hg trapping. 100g
09015	Iodated Carbon Material for gaseous Hg trapping. 1000g
09016	Small IC Trap for gaseous Hg. 2 bed (100mg/50mg). 10 trap pack.
09017	Small IC Trap for gaseous Hg. 2 bed (100mg/50mg). 100 trap pack.
09018	Small IC Trap for gaseous Hg. 2 bed (100mg/50mg). 1000 trap pack.
09019	Hg Removal Exhaust traps with connectors
09020	Silane treated glass wool plug trap for particulate air sampling
09030	Large Blank IC trap. 3 x 1g sections. 10mm OD. Qty 1/pack.
09031	Large Blank IC traps. 3 x 1g sections. 10mm OD. Qty 10/pack.
09032	Large Blank IC traps. 3 x 1g sections. 10mm OD. Qty 100/pack.
09033	Large Blank IC traps. 3 x 1g sections. 10mm OD. Qty 1000/pack.
09034	Large Spiked IC trap. 3 x 1g sections. 10mm OD. Qty 1/pack.
09035	Spare Caps for Large IC traps.. Qty 100/pack.
09040	Large Blank IC trap. 2 x 1g + 1 x 1g sections. 10-11mm OD. Qty 1/pack.
09041	Large Blank IC traps. 2 x 1g + 1 x 1g sections. 10-11mm OD. Qty 10/pack.
09042	Large Blank IC traps. 2 x 1g + 1 x 1g sections. 10-11mm OD. Qty 100/pack.
09043	Large Blank IC traps. 2 x 1g + 1 x 1g sections. 10-11mm OD. Qty 1000/pack.
09044	Large IC trap. 3x1g sections (2 blank + 1 spiked). 10-11mm OD. Qty 1/pack.
09045	Spare Caps for Large IC traps Qty 100/pack.
09050	High flow Hg removal canister. 1/4" inlet/outlet ports.
09100	Hg sampling kit. Certified <0.2 ng/L. 24x250mL nm FPE bottles, 100 gloves
09101	Hg bottles. 250mL narrow mouth FPE. 2x-bagged, certified <0.2 ng/L. 24/cs
09110	Hg sampling kit. Certified <0.2 ng/L. 24x250mL wm FPE bottles, 100 gloves
09111	Hg bottles. 250mL wide mouth FPE. 2x-bagged, certified <0.2 ng/L. 24/cs
09124	MERX Methyl Hg certified autosampler vials. 40 ml, amber, septum top. 72/case
09125	MERX Total Hg certified autosampler vials, 40 ml, clear, septum top. 72/case
09126	Replacement Septa Caps for MERX vials. 500/pack
09130	60 mL clear borosilicate glass vial with Teflon/Silicone septa cap, 144/case, assembled only
09131	60 mL clear borosilicate glass vial with Teflon/Silicone septa cap, 144/case, pre-cleaned
09140	Gloves, clean room grade, vinyl, small (100/pack)
09141	Gloves, clean room grade, vinyl, medium (100/pack)
09142	Gloves, clean room grade, vinyl, large (100/pack)
09300	Hg Wet Deposition Sampling Kit
09301	Replacement Funnel for Hg Wet Deposition Sampling Kit
09302	Replacement Thistle Tube for Hg Wet Deposition Sampling Kit
09310	PVC holder for Hg Wet Deposition Kit.
09425	125 mL FEP Bottle