

Agilent technical experts have compiled a list of recommended supplies that you should consider using with your new instrument in order to keep your lab operational without any disruptions and to achieve optimal performance.

Top Supplies for Agilent 4200/4210 MP-AES



Nebulizer

- **G8010-60293**: Inert OneNeb 2 Nebulizer
💡 (Top Recommendation)

Peristaltic pump tubing

- **3710068100**: Sample tubing Solvaflex orange/green with flared ends (pk/6 tubes)
💡 (Top Recommendation)
- **3710067900**: Waste tubing Solvaflex, blue/blue tabs. (pk/12 tubes)
💡 (Top Recommendation)

Torch






- **G8003-70000**: Easy-fit torch for 4200/4210 MP-AES
💡 (Top Recommendation)

Calibration standard

- **6610030100**: 500 mL bottle Wavelength Calibration standard for MP-AES 5PPM
💡 (Top Recommendation)

Agilent 4200/4210 MP-AES supplies recommendations

Part Number	Description	Reason to Use	Part Family
3710068100	Pump tubing, Solvaflex, orange/green tabs with flared ends, (pk/6 tubes)	Standard pump tubing supplied with the 4210 MP-AES for sample introduction. Recommended for most sample types including aqueous, HF digests and some organic solvents  (Top Recommendation)	
3710067900	Pump tubing, Solvaflex, blue/blue tabs, (pk/12 tubes)	Standard pump tubing supplied with the 4210 MP-AES for waste. Recommended for most sample types including aqueous, HF digests and some organic solvents  (Top Recommendation)	
G8010-60293	Inert OneNeb Series 2 nebulizer	The Agilent OneNeb Series 2 nebulizer offers superior performance with MP-AES instruments. Based on flow blurring nebulization technology the OneNeb series 2 nebulizer provides improved sensitivity and greater tolerance to dissolved solids. The inert construction of the OneNeb nebulizer makes it a universal design, which can handle most sample matrices, including hydrofluoric (HF) acid digests  (Top Recommendation)	
G8000-70007	Double pass glass cyclonic spray chamber. Supplied as standard with 4200/4210 MP-AES	Includes Agilent nebulizer locking nut (with dual O-rings) with ball joint socket. For use with organic solvents, high matrix or high TDS samples	
G8003-70000	Easy-fit torch for 4200/4210 MP-AES	Features a 1.2 mm ID injector with a ball joint base for easy connection to the spray chamber (this is the standard torch for the 4200/4210)  (Top Recommendation)	
G8003-67005	Inert sample introduction kit for 4200/4210 MP-AES	Recommended for use with HF digests. Includes inert double-pass spray chamber with ball joint socket, Easy-fit inert torch with alumina injector and large torch clamp for inert torch. Requires but does NOT include the inert OneNeb nebulizer or pump tubing (p/n 3710068100 for sample and p/n 3710067900 for waste). These latter items are supplied as standard with the MP-AES, so most users should have those items on hand	  
G8003-67000	High sensitivity sample introduction kit for 4200/4210 MP-AES	Recommended for use with aqueous samples where higher sensitivity is required. Includes glass concentric nebulizer (pn G8000-70004) with internal capillary I.D. 0.32 mm at solution entry into nebulizer and 0.22 mm at tip of nebulizer, single pass glass cyclonic spray chamber (pn G8000-70006) and peristaltic pump tubes with white/white tabs (pn 3710034400) Note: Peristaltic pump tubes for the waste solution are NOT included with this kit. If these are required, please order pn 3710034600 peristaltic pump tubes with blue/blue tabs separately	

Part Number	Description	Reason to Use	Part Family
G8003-67001	Aqueous sample introduction kit for 4200/4210 MP-AES	<p>Recommended for use with aqueous or acidic samples where a glass concentric nebulizer is required.</p> <p>Includes Conikal glass concentric nebulizer (pn 2010106800) with internal capillary I.D. of 0.28 mm at the tip of nebulizer and EzyFit sample capillary, single pass glass cyclonic spray chamber (pn G8000-70006) and peristaltic pump tubes with white/white tabs (pn 3710034400)</p> <p>Note: Peristaltic pump tubes for the waste solution are NOT included with this kit. If these are required, please order pn 3710034600 peristaltic pump tubes with blue/blue tabs separately</p>	
6610030100	Bottle wavelength calibration solution for MP-AES and ICP-OES 500 mL 5 ppm (ready to use)	<p>Wavelength calibration solution for ICP-OES and MP-AES: 500 mL, contains 5 mg/L Al, As, Ba, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Sr, Zn and 50 mg/L K in 5% HNO₃  (Top Recommendation)</p> <p>Note: Ready to use. 500 mL bottle. Free of trace HF!</p>	
G8494-60005	Rinse (10 L) and waste (20 L) containers	Includes 10 L HDPE container for rinse solution and 20 L HDPE container for waste both fitted with safety caps to prevent vapors reaching the lab. Supply lines fitted with sinkers to ensure the capillary draws from the base of the container	
G8494-60007	Reagent uptake capillary tube 1.6 mm OD x 1.0 mm ID x 1400 mm long with heavy PTFE Sinker, 1/pk	The PTFE sinker prevents tube curling inside the reagent vessel and ensures the capillary is drawing from the base of the container	

[Learn more](#) about the comprehensive range of single-element and multi-element inorganic standards for testing elemental impurities in all markets that includes instrument calibration and tuning mixes for ICP-MS, ICP-OES, MP-AES, AA, and IC instrumentation.

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