

PolyPro Cyclonic Spray Chamber

O-ring-free HF resistant cyclonic spray chamber for PE Optima ICP-OES systems

The PolyPro cyclonic spray chamber is an HF resistant chamber suitable for high through-put applications. It is entirely constructed of inert polypropylene and PFA Teflon® materials and is completely o-ring free.

Versions are available either with or without an internal baffle to connect to all PE Optima ICP-OES systems. All ESI PolyPro spray chambers may be used alone or with the PC³ Peltier Cooler for temperature control to give enhance stability.

- All polypropylene and PFA Teflon® construction
- Resistant to HF acid
- O-ring free connections to the nebulizer and injector
- Low internal volume
- Fast rinse out vs. Scott-type spray chamber
- Fits into the ESI PC³ Peltier Cooler for enhanced stability
- Fits any 6mm nebulizer, ideal for the PFA MicroFlow or PolyPro-ST nebulizers
- Secure, leak free threaded drain port
- Available either with or without internal baffle
- Optional threaded auxiliary port for addition gas
- Available with connectors to standard PE injector or ESI injector



PolyPro Cyclonic Spray Chamber for axially viewed PE Optima ICP

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Ordering Information

PolyPro Cyclonic Spray Chamber

ES-31zz-2ebu

Spray Chamber Options (zz-2ebu)

e = auxiliary port

- e = 0 No aux. port
- e = 1 Threaded aux.port, 1/4-28
- e = 2 aux. port, 2mm x 4mm

b = baffle type

- b = 0 non-baffled (ICP-AES)
- b = 1 baffled (ICP-MS)

zz = instrument

- zz = 55 PE Optima 3000 Radial
- zz = 56 PE Optima 3000 XL/DV
- zz = 57 PE Optima 2000/4000

u = outlet connector type

- u = 1 ESI injector connection (straight connection)
- u = 8 12/5 socket connection
- u = 9 Perkin Elmer injector connection

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