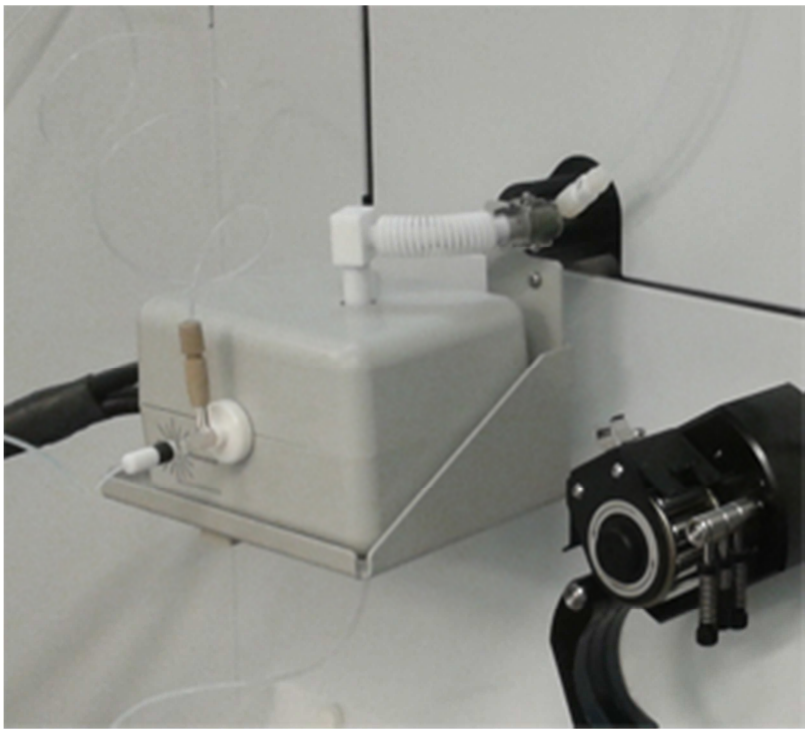
Peltier Cooled Cyclonic Spray Chamber for Agilent ICP-MS

When the best temperature flexibility or temperature stability is required, we recommend the IsoMist Programmable Temperature Spray Chamber. However, for many ICP-MS applications, a fixed temperature of around 2°C is used and no flexibility is needed. For these applications, we recommend the Peltier Cooled Cyclonic Spray Chambers for the Agilent 7700/7800/7900/8800 and 7500 ICP-MS models. These accessories are based on the spray chamber and Peltier system of the Isomist but are coupled to the electronics and water cooling of the ICP-MS. Agilent 7700/7800/7900/8800 and 7500 users can therefore get the benefit of a cyclonic spray chamber at an economical price. Compared to the Scott style spray chamber, the cyclonic spray chamber provides faster washout and increased sample throughput.



KT-1116 connected to Agilent 7700

Part Number	Description
KT-1116	PCC Spray Chamber for Agilent 7700/7800/7900/8800/8900
KT-1116Q	PCC Quartz Spray Chamber for Agilent 7700/7800/7900/8800/8900
KT-1116P	PCC PFA Spray Chamber for Agilent 7700/7800/7900/8800/8900
KT-1117	PCC Spray Chamber for Agilent 7700/8800/8900 (Includes Niagara mount)
KT-1117Q	PCC Quartz Spray Chamber for Agilent 7700/8800/8900 (Includes Niagara Mount)
KT-1109	PCC Spray Chamber for Agilent 7500
KT-1109Q	PCC Quartz Spray Chamber for Agilent 7500
KT-1109P	PCC Quartz PFA Chamber for Agilent 7500

The key features are:

- Interchangeable glass, quartz and PFA cyclonic spray chambers
- Faster washout than standard Scott style spray chamber
- Higher sample throughput than standard Scott style spray chamber
- Temperature 2°C or 5°C
- Temperature controlled from ICP-MS software and electronics
- Uses standard water cooling from ICP-MS unit
- Peltier cooling system
- Supplied with convenient mounting bracket