

Description	MCT Ionizer Solution	Conventional Ionizer
Real-Time Monitoring	Yes	None
Operating Temperature	-50° C to +155° C	Ambient only
Ion Balance Control	Yes, within $\pm 10V$ from initial set point	None
Event Management	Alarms operator if ion balance is out of range	None
Maintenance of Ion Needles	Preventative maintenance	Corrective maintenance
Software Interface	Software interfaced with MCT machines	None
User Configuration	Yes, via GUI of MCT machine	None