

Thermo 43i Normal Operating Parameters

Instrument type	43i SO2	
Parameter	Lower Limit	Upper Limit
PMT Voltage	-500 volts	-1000 volts
Lamp Intensity	85%	95%
Lamp Voltage	780 volts	1000 volts
Sample Flow	400ccm	500ccm
Reaction Chamber Temp	43°C	47°C
Initial Flash Reference	2.8 volts	4.5 volts
Reaction Chamber Temp	40°C	50°C
Perm gas Temp	43°C	47°C
Coef	0.95	1.05
Pressure	approx. 20 - 100 mmHg below ambient pressure	
Internal Temp	8°C - 12°C degrees above the enclosure temp	