

TIGER XT Range

COMPARISON DOCUMENT



ION Science Tiger XTL 10.6 eV

ION Science Tiger XT 10.6 eV

ION Science Tiger XT Select 10.0 eV

General VOC Detection Range:	0.1 ppm - 5,000 ppm	1 ppb - 20,000 ppm	1 ppb - 20,000 ppm
General VOC Minimum Resolution:	0.1 ppm	1 ppb	1 ppb
T90 Response Time (VOCs):	<2 seconds	<2 seconds	<2 seconds
Benzene Detection Range:	X	X	0.01 ppm - 200 ppm
Benzene Minimum Resolution:	X	X	10 ppb
Response Time (Benzene):	X	X	130 seconds (at 20oC)
Lamp Options:	10.6 eV	10.6 eV, 11.7 eV	10.0 eV
Easy Change PID:	✓	✓	✓
Internal Gas Table:	X	>750 VOCs	>750 VOCs
Weight:	870g	870g	870g
Humidity Handling:	Fence Electrode	Fence Electrode	Fence Electrode
Audible Alarm:	95 dB	95 dB	95 dB
Alarm Vibration:	✓	✓	✓
Rechargeable Battery:	✓	✓	✓
Rechargeable Battery Charge Time:	Typically 8 hours	Typically 8 hours	Typically 8 hours
Rechargeable Battery Life:	Up to 24 hours	Up to 24 hours	Up to 24 hours
IP Rating:	Designed to IP65	Designed to IP65	Designed to IP65
Warranty:	2 years*	5 years*	5 years*
Flow Rate:	≥220 ml/min	≥220 ml/min	≥220 ml/min
Torch / Flashlight:	✓	✓	✓
Direct USB Connection:	✓	✓	✓
Start Up Time:	<1 minute	<1 minute	<1 minute
Multi Language Function:	✓	✓	✓
Data Logging:	80,000 Data Points	120,000 Data Points	120,000 Data Points
Health & Safety Mode:	X	✓	✓
Single Log Only:	✓	✓	✓
Multi Log Only:	X	✓	✓
Upgradeable from ppm to ppb:	X	✓	✓