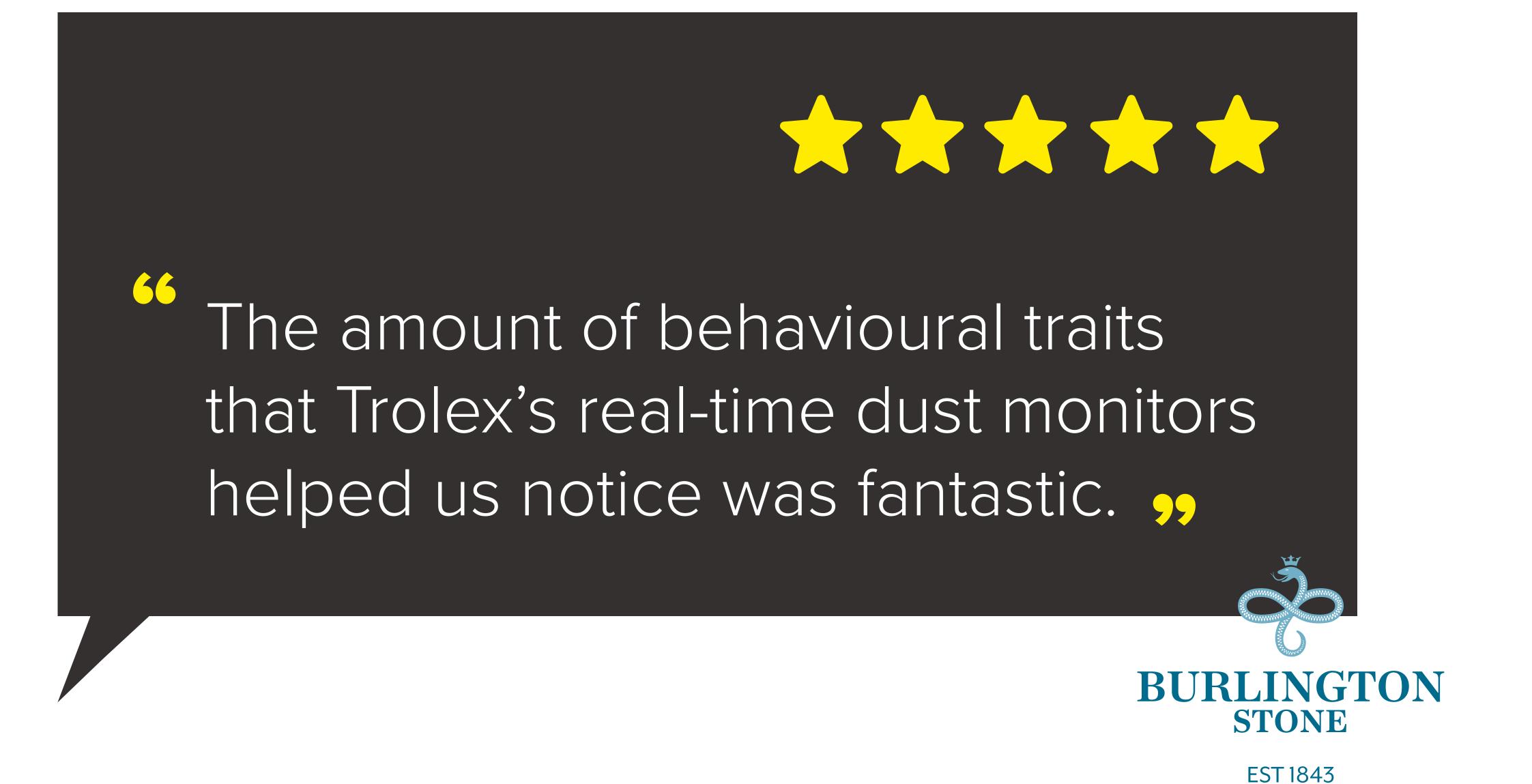




TROLEX DUST + SILICA MONITORING RANGE

PRODUCT COMPARISON





Speak to us today to see how you could benefit from real-time dust and silica monoitroing.

	AIR XD TX8005 · TX8015	XD1⁺ TX8061	AIR XS TX8100
Key feature	Fixed real-time total dust monitoring	Wearable real-time dust monitoring	Fixed real-time silica monitoring
Particulate measuring	Particulate matter (PM)	Respirable particulate matter	Respirable crystalline silica
Particulate measurement	0.35 μm to 40 μm		1 μm to 10 μm
Units of measurement	ug / m^3 mg / m^3	ug / m ³ mg / m ³	mg / m³ Particles / litre (P / L)
Weight	8.2 kg	0.17 kg	8.2 kg
Dimensions	Height: 305 mm Width: 305 mm Diameter: 156 mm	Height: 112 mm Width: 64 mm Diameter: 25 mm	Height: 305 mm Width: 305 mm Diameter: 156 mm
Sensing technology	Light-scatter photometer (OPC)	Light-scatter photometer (OPC)	Optical refraction technology (ORT) Light scatter photometer (OPC)
Measurement capacity	PM1, PM2.5, PM4.25, PM10	PM1, PM2.5, PM4.25, PM10	mg / m³ compared to total PPL
Particle count	10,000 particles / second	> 600 particles / second	10,000 particles / second
Sampling interval	1 second	1 to 60 seconds	10 seconds (custom 1 second interval)
Typical accuracy	± 5%	± 10%	± 25%
Display averaging period	STEL rolling average (default 15 minutes) TWA accumulative average (default 8 hours)	Customisable STEL and TWA alarm setpoints via BreatheLITE and BreatheMOBILE	15-minute, 1,4,8 and 12-hour averaging periods
Certification	CE RoHS ATEX	CE UKCA	CE RoHS
Accessories	Transportable pack Compliance Pack	Aligator clip Body mount clip Protective case Data and charging dock Compliance Pack ⁺	Transportable pack Compliance Audit Pack S
Power options	AC or DC 5 to 6 hours with optional Trolex Transportable pack	16 hours battery run time	AC or DC 5 to 6 hours with optional Trolex Transportable pack
Compliance check (frequency / duration)	2 minutes every 6 to 12 months (depending on dust loading)	2 minutes every 3 months (depending on dust loading)	2 minutes every month
Compatible software	Breathe software	BreatheLITE / BreatheMOBILE	BreatheXS