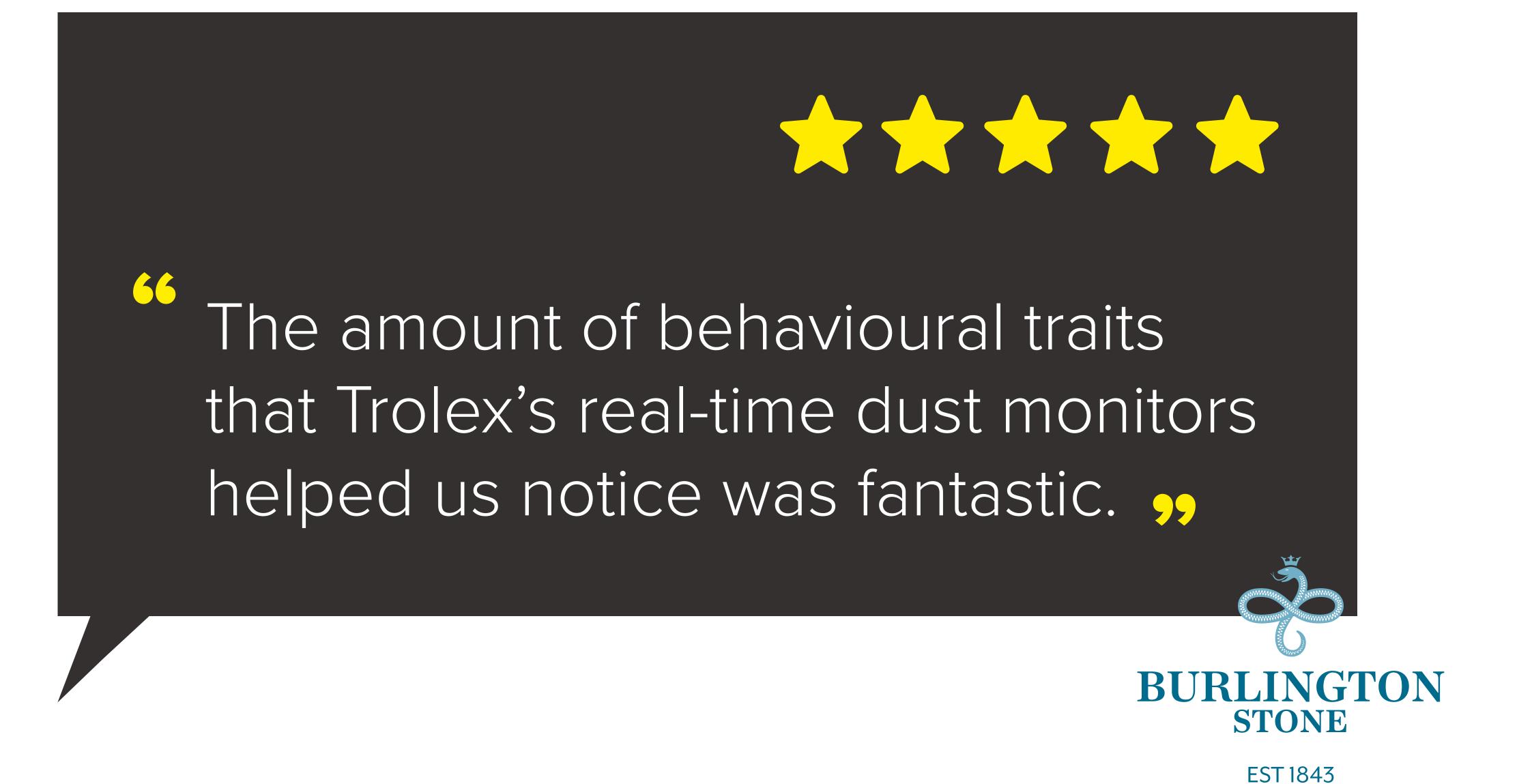




## TROLEX DUST + SILICA MONITORING RANGE

PRODUCT COMPARISON





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

	<b>AIR XD</b>   TX8005 · TX8015	<b>XD1<sup>+</sup></b>   TX8061	<b>AIR XS  </b> 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	0.1 μm to 10 μm	1 μm to 10 μm
Units of measurement	ug / m <sup>3</sup> mg / m <sup>3</sup>	ug / m <sup>3</sup> mg / m <sup>3</sup>	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 <b>BreatheLITE</b> and <b>BreatheMOBILE</b>	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 <sup>+</sup>	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	<b>Breathe</b> software	BreatheLITE / BreatheMOBILE	BreatheXS
Single unit price	£5,620	£949	£12,995