

TX8001 RESPIRABLE DUST MONITOR

Real-time, highly accurate respirable dust monitoring in hazardous environments

Applications: tunnelling, quarries and hard rock mines, steel works, foundries and blast furnaces, cement and glass, construction, cutting or manufacturing of heat-resistant bricks, grinding and polishing operations & fracking



TROLEX

THE FIRST OF ITS KIND

The new TX8001 Dust Monitor from Trolex allows you to instantly detect the precise content of respirable dust in the atmosphere so that you can take appropriate action to stay safe and to ensure your people are fully protected from dust related health hazards.

The units are highly accurate (up to 5-times more accurate than the old technologies currently in use), and extremely rugged, and due to the unique low-flow design that requires no pumps or filters, they function well even in extreme environments with high humidity and dirty atmospheres.

The patent-protected technology is the first of a new generation of dust monitors that make compliance with dust-related legislation quicker, easier and lower cost. Find out how to successfully protect your people and your business – contact us for a demonstration of the product:

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YOUR PEOPLE PROPERLY PROTECTED

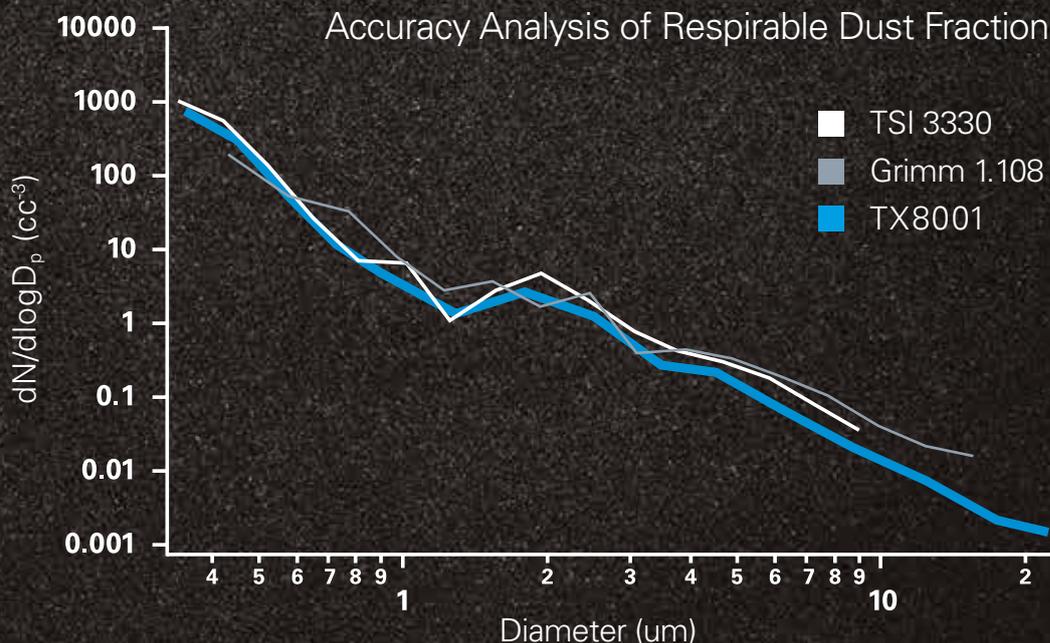
The TX8001 Dust Monitor has been developed with nothing but safety in mind. Every feature is designed to ensure that fast, accurate respirable dust information is conveyed to those who need it most - at the time and at the point of need.

- Instantaneous respirable dust level display
- 15 minute and 8 hour TWA displays
- Accurate to within +/-5% compared to +/-25% of current industry standard models
- Open flow device - no pumps or filters required
- Expensive and time-consuming filter analysis not required
- In-built visual alarm, data-logging and RS485 communications
- Optional Wi-Fi communications
- Patented technology is a world-first

The instrument can form part of an advanced dust control strategy providing information on the correct timing for the deployment of safety equipment or dust suppression systems, enabling users to maximise efficient working, maintain safe working conditions and to ensure that permitted exposure levels (PELs) are never exceeded.

PROVEN ACCURACY AND RELIABILITY

In tests the TX8001 performed as well as highly accurate laboratory analysis equipment in detecting respirable dust in the atmosphere. However the new technology doesn't just perform in the lab – it has also demonstrated its accuracy and durability in the field, in challenging applications in tunnel construction and mining.





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