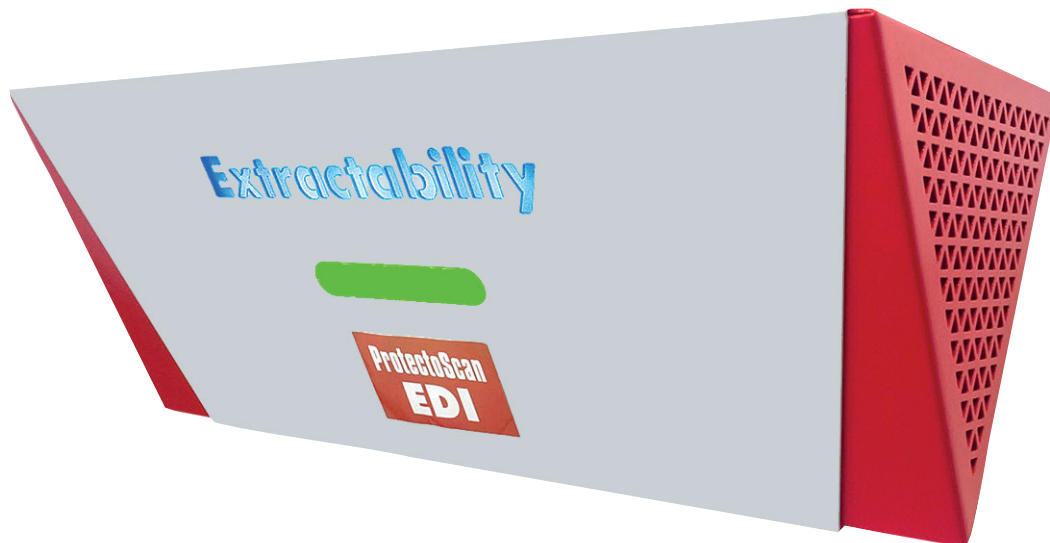


Are you ready for EDI?



ProtectoScan EDI is a revolutionary environment monitoring system for your workplace

- Remove the guesswork on providing a safe working environment to your colleagues
- Ensure your investment is working for you – add automatic 'on-demand' on/off to your fume-extraction
- Get instant alerts on exposure levels, visually on the shop floor and by email to your inbox
- Gather historic data on fume, noise, temperature, and humidity – and receive periodic summary reports
- Save money on Occupational Health Assessment consultants – gather your own real-time data
- Trouble-free, full-service, maintenance and reporting package from a simple monthly lease

The ProtectoScan EDI is an Environment Detection Instrument (EDI) that provides intelligent, data-driven protection in the industrial workplace. An indoor air monitoring instrument that measures and records real-time data for dust/fume particulate, noise, temperature and humidity, EDI catches the eye with an LED traffic light display, alerting users to any notable issues, giving users instant feedback and a visual representation of what is going on in their workshop.



Extractability™

www.extractability.eu

EXTRACTING THE PROBLEM. PROVIDING THE SOLUTION.

Measurement of
particle density



EDI will measure down to PM 2.5 particle size fume and dust and advise when exposure levels have been breached.

Measurement of
the volume levels



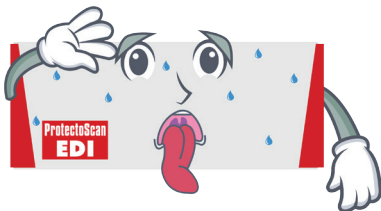
EDI will measure the noise level at any time and advise if levels are infrequent or consistent.

Measurement of
the temperature



EDI will measure the working area temperature at all times of the year and records throughout.

Measurement of
the humidity



EDI will measure the humidity levels applicable within the workplace.

Full report and
certification
for the risk
assessment



EDI will store data and provide a calibrated annual report on all areas measured. It will also provide immediate notification by traffic lights and email.

Exposure to environmental hazards has always been difficult to monitor in the workplace, but the **ProtectoScan EDI** is about to change all that.

It's easy to see why the **ProtectoScan EDI** is independently certified. The continuous monitoring of air quality in the workplace can contribute significantly to protecting the health of employees by enabling employers to take appropriate measures and set up automatic integration of fans or similar devices. Just as essential for the employer duty of care is the Extractability service and provision of a full report and certificate of calibration for competent risk assessment.

Main features

Features

- LED bar with traffic light function
- WiFi Antenna
- Ethernet connection
- Measures particle density, temperature, air humidity and noise
- Records real-time data, 24/7, 365 days a year
- Display and reading of the measurement data via dedicated cloud-based WebApp
- Remote and manual switching on/off via WebApp
- 3 potential-free switching relays to activate equipment/accessories

Technical Specifications

ProtectoScan EDI

WiFi Lan Standard	2.4 GHz IEEE 802.11n/ 1 Gbps IEEE 802.3
Weight (kg)	12
Casing	Metal, IP20
Voltage Supply	230 VAC, 50 Hz
Storage Temperature	-40°C up to +70°C
Operating Temperature	-10°C up to 60°C
Mounting Height	up to 2000 m above mean sea level
Temperature	range -10°C up to +60°C (accuracy ± 1°C)
Air Humidity	10% up to 80% (accuracy ± 5%) 80% up to 95% (accuracy ± 7%)
Dimensions (mm,)	570(w) x 250(d) x 223(h)
Particle size	from PM 2.5
Density	0 mg/m ³ - 15 mg/m ³ (accuracy ± 0,1 mg/m ³)
Sound Level	40 dB - 110 dB (accuracy ± 5 dB)
Internal Fuse	microfuse 5x20 mm, 1,6 A/250V

EDI Part Numbers

ProtectoScan EDI Unit	EXT201701402111
Air Controller for EDI	EXT201701502111

Extractability™

Extraction Equipment and Services for Particles, Dust and Fume

Call 08458 622620

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