

## SOLAR POWERED DUST MONITORING STATION

### ECO SPEC UNIT

Solar Powered  
All in One Package  
Maintained by ECO  
Real Time Telemetry



#### Kit Contains

Weatherproof Enclosure  
12v 55ah Battery  
40W Solar Panel  
DT8520/30 Aerosol Monitor  
SMS / DL Modem



Particle collection for lab analysis

#### Diesel Particulate Monitoring



Intrinsically Safe

Measures 0.1µm - 10µm range

Only real time personal DPM unit  
on the market.

No messy filters which provide  
only time weight averages.



### COST-EFFECTIVE SOLUTION

The ECO SPEC dust monitoring station is your cost-effective solution for real-time air quality monitoring. ECO Environmental can provide and service air monitoring stations on site. The SPEC utilises solar panels and a 12v battery, meaning no power supply issues. The monitoring station is fitted with the TSI DustTrak Aerosol monitor, capable of live tracking and logging, with pre-determined alarm levels. Data acquisition is supported by wireless telemetry, giving you confidence to act upon data that is available in real time, not after the event.

### APPLICATIONS

The SPEC is robust enough to handle conditions in harsh mining and industrial workplaces, as well as construction and environmental monitoring sites.

The SPEC units can be incorporated with weather monitoring stations, allowing you to determine the effects of weather conditions, such as wind, on ambient air quality. Your SPEC can also be fitted with a pump suitable for obtaining aerosol samples for laboratory analysis.

## TSI DustTrak 8530 Desktop & 8532 Hand held Model

### FEATURES AND BENEFITS

- Battery operated, data-logging, light scattering laser photometers
- Measure aerosol contaminants such as dust, smoke, fumes and mists up to 10µm
- Easy to program, easy to operate
- Real-time mass concentration readings
- New graphical user interface with colour touch-screen
- Also available in handheld portable models



**TSI Distributor in WA** Eco Environmental is the Western Australian supplier of TSI products including DustTraks, and other equipment for indoor air quality and contaminant monitoring. Please contact us for rental, purchase and service of TSI products.