



TESTED BY BEN PLEWES

The Airshield Pro builds on the success of the original Airshield by combining an effective and lightweight battery-powered respirator with a full-face visor. However, with this latest model is more stringent with the level of fine dust protection. As a result the new Airshield Pro has been approved for use when working with MDF

Trend Airshield Pro respirator



By meeting the new BS EN 12941 standard of protection, Trend's new Airshield Pro, with improved dust protection, is now suitable for a whole host of workshop applications including turning, routing, sawing, machining and sanding of hazardous materials like MDF.

First impressions

Once you master the technique of putting it on, it's really quite comfortable to wear. The battery pack is placed at the back of the main housing and acts like a counterweight, providing better overall balance than the original Airshield. It's lighter too, which makes a big difference. Vision is another area Trend have improved on. Peripheral vision is excellent – a real boon in workshop situations.

The Airshield in use

Build quality is good, with noise from the integral fan kept to a minimum. The filters inside the helmet housing are replaceable and easy to change.

The optional ear defenders can be attached by clipping them into brackets on the sides of the helmet. Note, you will need to use the set of supplied bracket adapters before the ear defenders can be


SPECIFICATION


AIRFLOW	Fully charged	200 litres/min
	Minimum	160 litres/min
MOTOR SOUND LEVEL		70dB
BATTERY LIFE		8 hours
HEADBAND		520-620mm
WEIGHT		995g

VERDICT

This a worthy successor to the previous Airshield respirator. With improved performance, reduced weight and a better ergonomic design, it's sure to be a winner because of its ability to protect against hazardous materials such as MDF dust.

- PROS**
- Excellent respiratory protection
 - Long battery life
 - Good peripheral vision
- CONS**
- Ear protection could be better

VALUE FOR MONEY 

PERFORMANCE 

FURTHER INFORMATION

- Trend Machinery
- 01923 224657
- www.trend-uk.com

attached. Soundproofing is then adequate, but not as good as a set of standard ear defenders. If noise levels are going to be high, I would suggest acquiring a good set of earplugs instead.

Battery life is improved to eight hours – a full day in the workshop, assuming you don't work evenings too! It's straightforward to swap batteries over, so there's no problem if you feel the need to buy a second battery pack for extended use.



Filters clip into the top of the helmet housing at each side of the battery compartment



This tube fits over the air port to show how much airflow is getting through



The optional ear defenders clip to the helmet sides with small brackets