

On test



Trend

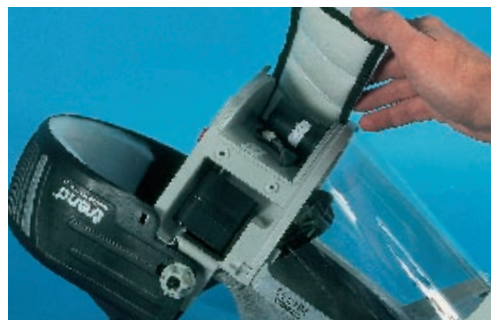
Airshield

Even in the best equipped workshop with a state of the art dust extraction system, there are those operations where dust and debris cannot be contained. Routers, sanders and especially lathes often show a complete disregard for the best efforts of the most powerful vacuums. In these

circumstances you must wear a dust mask of some sort. The chances are that you'll also need to wear safety glasses too, and we all know what happens to them on top of a dust mask...the fog.

Powered respirator

The solution to all these difficulties is a powered respirator. These have been



The verdict...

The Airshield is certainly a comfortable and efficient way of protecting yourself from irritating and harmful dust and debris in the workshop. The full face shielding makes it ideal for turners working exotic hardwoods, with the filtration providing adequate defence against sanding dust. It is quiet enough to wear for extended periods and all the major components are easily replaceable.

around for a while in various different forms, the latest of which is the Trend Airshield. This is an integrated unit comprising a Perspex face shield with a battery powered fan that blows filtered air across the user's face. It's light and comfortable to wear even for long periods.

Easy to adjust

The Airshield is easy to adjust, with a locking knob on the rear of the headband that allows it to be tightened around the operator's head without the need to remove it. The visor hinges down and the plastic



Respiratory protection is provided by a pair of renewable filters that will trap fine dust. It is also suitable for use with water-based aerosols. A flow meter is included, to ensure that sufficient air is passing through the system, and to warn when the filters are becoming clogged.

Remarkably effective

In use, the Airshield proved to be remarkably effective. The headband needs to be fairly tight to stop any tendency to rock on your head, though this is not uncomfortable. Once the visor is down and the fan is switched on it is a very pleasant sensation with the cool breeze blowing across your face. Even when routing MDF there was no dust penetration, though a large amount was produced in the workshop.

“It's light and comfortable to wear even for long periods”

seal closes the gaps around the face. The fan blows a constant stream of air down the inside of the visor. The rechargeable battery supplied will run continuously for four hours between charges. There is also space for a second battery to double the running time if required.

Further Information

Respiratory protection: BS EN 146 THP2
 Eye protection : BS EN 166 (medium energy impact)
 Weight: 735g
 List Price: £159.95 + VAT
 Contact: Trend 0800 487363