

Technical Data Sheet

Magnum 8500 PAPR with Electronic Motor Control

The Magnum 8500 is a TH2/3 TM3 class system complete with integral audible and visual alarms for low battery and blocked filter indication. Accepts three external DIN 40 Thread P3 dust filters or gas combination canisters.

Compatible with a range of headpieces to suit most working environments.

PAPR = Powered Air Purifying Respirator



Specification

| | |
|-------------------|---|
| Weight: | 1.4kg including battery, belt and 2x TH P3 filters |
| Air Flow: | Typically 180 litres per minute |
| Options: | Range of headpieces, filters, canisters, batteries, chargers, spares - see product instructions available at www.centurionsafety.co.uk |
| Battery Duration: | Typically 8 hours (Depending on age & condition of power unit/battery pack/filter) |
| Pack quantity: | 1 |
| Code: | M23/8500/CB (kit including Power Unit, Battery and intelligent Charger and Belt) |

Materials

| | |
|--------------------|-----------------------------|
| Unit/Battery Case: | ABS/Polycarbonate |
| Battery Cells: | NiMH (Nickel Metal Hydride) |

Standard & Options

| | | | |
|-----------------------------------|---|--------------------|--------------------|
| Standard: | (1) EN 12941 - Powered filtering devices incorporating a helmet or hood (2) EN 12942 - Powered assisted filtering devices incorporating Full Face Mask (FFM) | | |
| Classification | TH2 ⁽¹⁾ | TH3 ⁽¹⁾ | TM3 ⁽²⁾ |
| Nominal Protection Factor (NPF) | 50 | 500 | 2000 |
| Assigned Protection Factor †(APF) | 20 | 40 | 40 |

†EN 529 (HSG53) acknowledges that laboratory performance is not always achievable in real use.

These figures are taken from EN 529 and are the minimum level of protection which it is calculated 95% of wearers who are trained in the use of the equipment should achieve in practice, with well-maintained equipment. These figures are valid for use in the UK and may differ in other countries.

For further information please contact