

PureFlo ESM

Technical Data Sheet



PF33 ESM Welding



PF33 ESM



PF23 EMS-P

Powered Air Purifying Respirator system that can be configured to match precise air purifying and wearer requirements.

Weight:	1.5kg (nominal)
Head Size Range:	54 - 61cm
Protection Factor:	Laboratory 500 Assigned 40
Environmental Rating:	IP54 Cat 2 ; IP44
Humidity:	0-90% (store out of direct sunlight)
Temperature Range:	Charging: +5°C to +40°C Use: -5°C to +40°C Storage: +5°C to +40°C
Regulated Airflow:	Normal 170 l/min

Power Supply:	<i>Battery:</i> 4 cell, nominal 4.8V, capacity 1.8 Ah per pack <i>Battery Life:</i> 8 hrs (normal air-flow, two fully charged battery packs fitted) Particulate Filter fitted PR01180 (Spare Part No. PR01020SP Qty 10) 6 hrs (normal air flow, two fully charged battery packs fitted). <i>Odour/Particulate:</i> Filter fitted PR01220 (Spare Part No. PR01500SP Qty 10). <i>Charging Method/Rate:</i> Mains charger, 2.5 hrs from fully discharged.
Battery Charger:	<i>Mains Input:</i> 110 240 volts a.c. /50 60 Hz / 200 mA Output, 10 volts d.c. /800 mA <i>Internal Fuse:</i> 630 mA <i>Operational Temperature:</i> +5°C to +40°C <i>Storage Temperature:</i> 40°C to +70°C <i>Environmental:</i> BS EN60529 Class IP30 (for indoor use only) Double insulated
Choice of TH3P Filters:	Nominal Protection Factor (NPF) 500
Hard Hat:	(certificated to EN397)
Faceshield:	(certificated to EN166 1.B.3.9)
Non Incendive:	Approved for use in Zone 2 hazardous environments
Conforms To:	IEC 60079-15:2001 and IEC



Helmet Integrated Systems Ltd

Commerce Road
Stranraer, DG9 7DX
Scotland
United Kingdom

T +44 (0) 1776 704421
F +44 (0) 1776 706342
E sales@helmets.co.uk
W www.helmets.co.uk



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