

Technical specification

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| Type | e3000X battery powered Air Purifying Respirator (PAPR), | |
| Protection level | TH3 (EN12941) | |
| Blower unit | Flow rates: | Level 1: min. 170 l/min Level 2: min. 210 l/min Level 3: min. 240 l/min all Levels controlled |
| Standard | Material: | Cycoloy Resin C2950 (PC+ABS) |
| | Fan: | high quality ball beared long life brushless motor |
| | Fuse: | electronic fuse |
| | Noise: | max. 70db (A) |
| | Alarm: | optical and audible alarm for low / very low battery, clogged filter, no filter, and low flow |
| | Dimensions (L x W x H): | 225 x 215 x 92.6 mm |
| | Weight: | 1195 g / 42,152 oz (incl. filter and belt exclusive battery) |
| | Colour: | black / green |
| | | |
| Particlefilter | Quantity: | 1 |
| | Type | TH3P R SL filter for TH3P system (EU) with prefilter |
| Hose | Length: | 1160 mm (elastic upto 1300mm with protective sleeve) |
| | Diameter: | 31 mm (inside) |
| | Weight: | 185g / 6.526 oz (without protective sleeve) |
| | Colour: | black |
| Battery | Type: | Li-Ion rechargeable |
| | Voltage / capacity: | 14,8 V / 3,25 Ah |
| | Charging cycles: | > 500 |
| | Operating time level 1* | 18 |
| | Operating time level 2* | 16 |
| | Operating time level 3* | 13 |
| | Charging time: | approx. 5h |
| | Weight: | 420g / 14.815 oz |
| | Material housing: | Polyamide (PA-GF) |
| | Colour: | black |
| | *min. operating time is with new filter at room temperature | |
| Charger | Type: | Microprocessor controlled, fully automatic |
| | Primary voltage: | 100 - 240 Volt @ 50 Hz/60Hz |
| Operating and storage temperature | -5°C to +55°C (without condensation) | |
| Battery charging temp. | +0°C to +45°C (without condensation) | |
| ATEX marking according 2014/34/EU | II 3D Ex h III C T100°C Dc II 3G Ex h II B T5 Gc | |
| Standards | EN 12941, UKCA, EAC, AS/NZS1716 | |
| | Europe: | TH3P/TH2P |
| | Australia: | P3-classification |
| Notified body / Lic. No. | CE 1024 | |
| Scope of delivery | Blower unit with hose, protective sleeve, TH3P R SL filter, battery, belt, charger, user instructions. | |
| Warranty (blower) | from date of purchase: 2 years for manufacturing and material defects, 6 months for battery | |
| Note! | The Optrel e3000X respiratory system may NOT be used in environments where there is an immediate danger to health or life (IDLH), in atmospheres containing less than 17% (Europe) oxygen or where the concentration of toxins is so high that a protection class in excess of TH2 (EU) is required. It is NOT evaluated as an ignition source in flammable or explosive atmospheres. | |