

Lasting Connections

BÖHLER AIR PAPR-SYSTEM SPECIFICATION



BÖHLER AIR SPECIFICATION

Product name	Böhler Air (including comfort belt, multi-plug charger, battery, P R SL filters, flow indicator)
Product description	Powered air purifying respirator (PAPR), battery powered
Filters	particle filters (P R SL) or gas filters (A1B1E1)
Standards	EN 12941 protection class TH3
Operating time	up to 14 hours for the heavy duty battery with 6 cells (7.800 mAh) (new P R SL filters, fully charged heavy duty battery and lowest air flow)
Flow rate	180 lpm to 220 lpm
Warning system (alarm)	Visual, audible and vibrating warning for low airflow and/or low battery charge
Flow control system	Maintains level of airflow constant regardless filter clogging or battery charge
Motor	High quality ball-bearing brushless motor
Battery	Exchangeable Li-Ion 7.4 V / 7.800 mAh Battery lifespan: after 500 charging cycles , the capacitance will decrease to 80 % of the original charging time: 8 - 9 hours
Battery charger	Microprocessor controlled, fully automatic input: 100 - 240 V (50/60 Hz) Output: 8.4 V Plug: EURO, UK, US and AUS
Belt	Comfort padded belt Waist size: up to 1300 mm
Weight	1.120 g (including battery) 893 g (including battery, without filter and filter cover)
Dimensions	232 mm / 186 mm / 100 mm
Materials	Unit: PC / ABS Belt: textile part - polyester / EVA / PC ; plastic part - POM / polyformaldehyde
Noisiness	< 70 dB
Storage conditions	- 10 °C to + 55 °C, humidity 20 - 80 % RH
Operating conditions	+ 10 °C to + 40 °C, humidity 20 - 80 % RH

Spare Parts

Art.No.	Description	Art.No.	Description
56997	Böhler Guardian62 Air complete	57097	pre-filter (20 pieces)
57003	Böhler Guardian62F Air complete	57099	pre-filter (40 pieces)
57007	Böhler Guardian62 Air	57106	particle filter P R SL (4 pieces)
57029	Böhler Guardian62F Air	57120	particle filter P R SL (16 pieces)
57037	Böhler Air (complete Blower Kit)	57127	gas filter A1B1E1 P R SL (2 pieces)
57044	motor unit	57144	comfort belt
57065	flexible air hose	57146	shoulder harness
57075	heavy-duty battery (7.800 mAh)	57182	helmet face-seal
57081	universal charger	57184	airflow tester
57082	filter cover (2 pieces)	57186	Böhler bag
57089	spark guard (2 pieces)		