NEW AIR



PRODUCT CATALOGUE

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BXH-3001

Powered Air Purifying Respirators

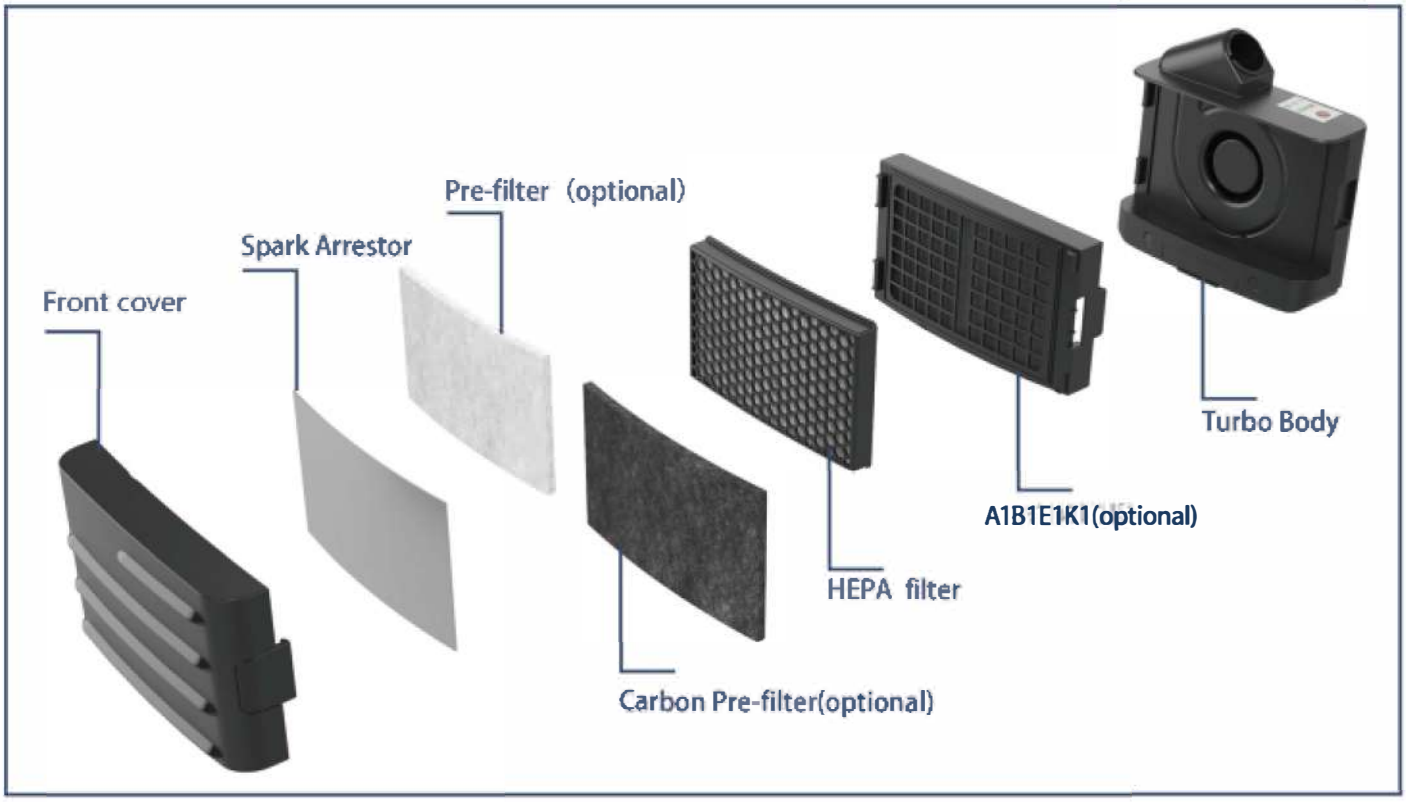
BXH-3001 series

Filter efficiency>99.97%

CE 1024

TH3 P R SL EN12941





Technical Data

Style	BXH-3001	
Utmost Airflow	210 L/Min	
Motor	Size(L*W*H)	190mm*68mm*188mm
	Working Noise	< 75dB
	Life	>50000 h
	Airflow velocity	Level 1: 170 L/Min
		Level 2: 210 L/Min
Filter	Filter model	1906818-3001
	Filter efficiency	99.97%
	Filter level	TH3 PRSL
	Leakage rate	<0.2%(TH3)
	Validity	3 years
System Alarm	Low battery	Audible +Vibration
	Jammed filter	Audible +Vibration
Air-pipe	Diameter	Φ35mm
	Length	0.65M
	Material	PU
Standard Li-ion Battery	Battery	3000mAh/33.3Wh
	Operating time	Level 1: 8h
		Level 2: 6h
	Rated Voltage	11.1V
	Battery charge time	2.5h
Heavy duty Li-ion Battery (Optional)	Battery	6000mAh/66.6Wh
	Operating time	Level 1:16h
		Level 2:12h
	Rated Voltage	11.1V
	Battery charge time	4h
Charger	Charging life	>500 times
	Input power	110-240V
	Out power	11.1V
Battery Weight	Standard battery	236g±10g
	Heavy duty battery	397g±10g
Complete Unit Weight(including stardard battery)		820g±10g
Waist Belt	Adjustable Length	0.9-1.35M
	Width	0.15M
	Optional Leather waist belt	Length 1.35M



BXH-3001



BXH-3001 PAPR

with auto-darkening Helmet(true color lens)
CE EN12941 TH3PRSL

CE EN175&EN397

PAPR: CE EN12941 TH3PRSL

Auto-darkening helmet: CE EN175&EN379

Advantages:

Multifunctional connetor:

Connect different brand helmet

Intelligent constant air flow

Dual Auto alarm system:

Low battery & Jammed filter

Portable/Rechargeable Lithium battery/Long Running time

Check battery power directly on lithium battery

Application:

Welding

Grinding



BXH-3001-1



BXH-3001-1 PAPR with Flip-up

Design Auto Darkening Welding Helmet

CE EN12941 TH3PRSL

CE EN175&EN379

PAPR: CE EN12941 TH3PRSL

Advantages:

Flip-up design

Side view window design

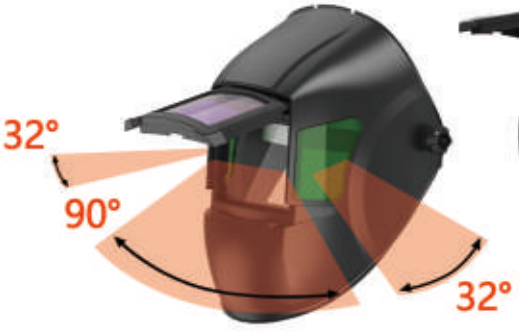
Multifunctional connetor :

Connect different brand helmet

Intelligent constant air flow

Dual Auto alarm system:

Low battery & Jammed filter





Portable/Rechargeable Lithium battery/ Long Running time

Check battery power directly on lithium battery

Application:

Welding

Grinding



BXH-3001-2



BXH-3001-2 PAPR

with ADF(Auto Darkening Flip-up) Helmet

PAPR: CE EN12941

2 IN 1 ADF

Helmet: EN16321(instead of EN166)/EN175/EN397

Advantages:

Flip-up design

Anti-Puncture Head Protection

Head and Face fully protection

Impact-resistant Face Shield

Comfortable Adjustable Headgear



Application:

Welding

Grinding

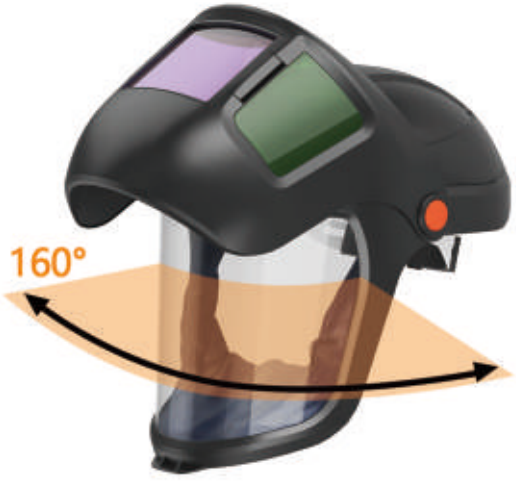
Cutting

Polishing

Painting

Laboratory

Mining



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Accessories



①



②



③



④



⑤

⑥



⑦



⑧



⑨



⑩



⑪



⑮



⑫



⑬



⑭



⑯



⑰





⑱



⑲

①Front cover	②Carbon Pre-filter(optional)
③National standard charger	④Europe standard charger
⑤Spark arrestor	⑥Pre-filter
⑦HEPA filter (filter efficiency>99.97%)	⑧A1B1E1K1(optional)
⑨Cleanable PVC waist belt	⑩Leather waist belt
⑪Standard waist belt	⑫Standard Lithium battery
⑬Heavy duty battery	⑭Multi-functional connector (match different helmet)
⑮Air flow meter	⑯Standard waist belt + shoulder straps
⑰Leather waist belt shoulder straps	⑲Air tube (Optional choice: anti-fire cover for welding)
⑲Sealing hood	



TDM-2



TDM-3

Technical Data		
Style	TDM-2	TDM-3
Standard	ISO EN16321	ISO EN16321
Material	composite material for Headgear/ PE for Headband/PC for face shield	PA+ composite materials for Hlelmet Shell /PE for Headband
Seal Cover	Polyester cotton coated with PU	Polyester cotton coated with PU
Visor size/Area(approx.)	336.3*238*314mm/395.4cm²	100*67mm (ADF)
Visor thickness (approx.)	2.5mm at center; 2mm at edge	\
Maximum size range (head circumference)	56-66cm	56-66cm
Weight (excluding seal cover)	970g	542g
Weight (including seal cover)	1036g	580g
Operating temperature	'-10℃—55℃	'-10℃—55℃
Storage temperature	'-15℃—60℃	'-15℃—60℃
Packaging size	430*260*250mm	430*260*250mm

ADF Technical Data			
ADF Model	917C	Power Supply	Solar Panel & Rechargeable Lithium Batteries
Optical Class	1/1/1/1	Rated Capacity of Li-Battery	3.7V 185mAh
Cartridge Size	110*90*8mm	Replaceable Battery	NO
Viewing Area	100*67mm	Arc Sensor	4
Light State	DIN3	Low Amperage TIG Rated	2A
Dark State	DIN 5/8-13	UV/IR Protection	Up to shade 16
Shade Control	Digital	Test	NO
Switching Time	1/20000s	Low Battery	YES
Sensitivity Control	1-7 Digital	Grinding/cutting	YES
Delay Time	1-7 Digital (0.06s-1.0s)	Lightweight	87.4g