















# All sorts of options for all sorts of jobs



## BACK PACK

Can be configured to accommodate your requirements for comfort and mobility.



# BATTERY CHOICE

Standard or Heavy Duty lithium-ion battery. Up to 12 hours operation. Only 2 – 2.5 hours recharge time.



# SUPPLIED AIR OPTION

All head pieces can be connected to supplied air through the SR507 adapter.



## **FILTERS**



SR710 or SR510 — P3

High efficiency particle filter (99.997% separation)



SR518 — A2 Organic gas



**SR515 — ABE1** 

Organic gas, inorganic gas, acid gas



SR597 — A1BE2K1

Organic gas, inorganic gas, acid gas, ammonia



Organic gas, inorganic gas, acid gas, ammonia, mercury + particles

SR599 — A1BE2K1HgP3



Sundström's standard SR510 P3 highefficiency particle filter fits onto the front of all threaded gas filters, and can also be used on its own.

99.997% filtering capacity for all types of wet and dry particles.

Same SR510 P3 particle filter as used in all Sundström half and full face masks.



## **Head-tops**

Sundström's head pieces come in a variety of designs and materials.

All head pieces can be connected directly to the SR500 fan unit.

Many can also be used with SR500ex, the intrinsically safe PAPR for explosive atmospheres.

Most visors withstand high-impact particles, liquid splashes and molten metal.

Air flow inside head piece helps to demist visor.

Internal adjustable head harness.

Peel-off visor film available.

All head pieces can also be used with supplied air through the SR507 regulator.

# SR500 TECHNICAL SPECIFICATIONS

#### Air flow:

175 I/min (normal operation) 240 I/min (boost fan operation)

Standard: 14.8 V, 2.2 Ah, lithium-ion (STD) Heavy duty: 14.8 V, 3.6 Ah, lithum-ion (HD)

### Charge time:

1.5 h (STD battery) 2 h (HD battery)

#### Operating time with P3 particle filter\*:

STD battery: 7 h (175 l/min) HD battery: 12 h (175 l/min), 7 h (240 l/min) Operating time with A1BE2K1P3 R filter\*:

STD battery: 4 h (175 l/min) HD battery: 7.5 h (175 l/min), 4 h (240 l/min)

#### Weight with belt and...

STD battery + P3 filters: 1,490 g STD battery + A2P3 filters: 1,960 g STD battery + A1BE2K1P3 filters: 2,210 g

(with HD battery: add 190 g to the above weights)

#### Visual display alerts:

Normal operation Boost fan operation Dip in air flow/clogged particle filters **Battery low** Air flow obstruction

### Low flow warning level:

<175 I/min

#### Air flow control:

Automatic

#### Manual control:

Single button control for on/off, normal/boost fan

#### **Head tops:**

All of Sundström's soft hoods & face shields All of Sundström's hard head tops & face shields Sundström visor helmets, with or without welding visors

Sundström full face mask

#### Filter fittings:

2 x Sundström threaded or unthreaded P3 filters or

2 x Sundström threaded gas filters with unthreaded P3 particle filter attached to front

### Filter types:

P3 — particles A2 — organic gas ABE1 — organic, inorganic, acid gas

A1BE2K1 — organic, inorganic, acid gas, ammonia A1BE2K1HgP3 — above + mercury + particles

#### **Operating temp:**

-10°C to +55°C, <90% RH

#### Storage temp:

-20°C to +40°C, <90% RH

\*) Indication of expected operating times under ideal conditions.

## ALSO AVAILABLE:

## INTRINSICALLY SAFE



SR500 PAPR, specially designed and approved for use in potentially explosive atmospheres.



II 2 G Ex ib IIA T3 (with SR540 shield or SR200 full face mask with polycarbonate visor)



II 2 G Ex ib IIB T3 (with SR520, SR530, SR561, SR562 or full face mask SR200 with glass visor)



II 2 D Ex ibD 21 T195°C (with any of the above)

#### **EXPLANATION:**



Symbol for risk of explosion

II Equipment group (explosive atmosphere other than mines)

2 G Equipment category (2=high protection level, zone 1, G=gas)

2 D Equipment category (2=high protection level, zone 21, D=dust)

Ex Explosion protected

ib/ibD Type of ignition protection (intrinsic safety)

IIA Explosion group Propane

IIB Explosion group Ethylene

21 Zone with combustible dust

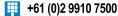
T3 Temperature class, gas (+200°C max, surface temperature)

T195°C Temperature class, dust (+195°C max, surface temperature)

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