

SR500

POWERED AIR-PURIFYING RESPIRATOR



Air power.



SR500



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 high-efficiency 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



SR520
Soft face
shield



SR530
Soft head,
neck &
shoulders



SR580
Helmet &
visor



SR584
Welding
attachment
for SR580



SR570
Face
shield



SR540ex
(for
SR500ex)



SR601
Microchem
2800
material



SR602
Microchem
4000
material



SR200
Full face
mask



SR900
with twin
hose

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 l/min (normal operation)
240 l/min (boost fan operation)

Battery

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

SR500_{EX}

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)

BUY A PRODUCT — GET A SYSTEM



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