



NWORLD®
welding evolution

WELDING MASK

auto-darkening with extraction



505
PRO AIR EVO

NW

PRO AIR EVO

**Complies with CE12941
and the highest respiratory
protection level TH3**

model ADF8610
sales code AIRPR TN15.01-8610

TRUE COLOR

CE
EU 2016/425

ANSI
Z87.1

AS/NZS
1337.1/1338.1

RoHS
EU 2015/863

CSA
Z94.3

mm
Cartridge size
110x90x9

mm
Viewing area
110x60

Light state
DIN4

Dark state
DIN5-8/9-13

UV/IR
Protection
DIN16

Power supply
solar + battery

Switching time
1/25000 s

Delay time
0.2-1.0s

Grinding
yes

g
Weight
1587g

Mask specifications

Light Shade	4
Optics Quality	1/1/1/1
Variable Shade Range	4/5 - 8/9 - 13, External setting
ADF Viewing Area	3.94x2.36" 100x60mm
Sensors	4
UV/IR Protection	Up to DIN 16
Cartridge Size	4.33x3.53"x0.35" 110x90x9cm
Power Solar	1x replaceable lithium battery CR2450
Sensitivity Control	Low to High, External setting
Function Select	Welding, cutting, or grinding
Lens Switching Speed (sec)	1/25,000
Delay Time, Dark to Light (sec)	0.1-1.0 fully adjustable, External setting
Helmet Material	PA
Weight	500g
Low TIG Amps Rated	>5amps
Temperature Range (F) Operating	(-10°C-->55°C 23°F ~ 131°F)
Magnifying Lens Capable	Yes
Certifications	CE
Warranty	2 years



Main Features

- ON OFF
Auto on/off
- 4 Sensors
- ADF Self-check
- X View
- UV/IR Protection
- Purified Air
- Rechargeable

Suitable use

- Electrode Welding
- Mig Welding
- Tig Welding
- Grinding work
- Cutting work

Respirator specifications

Blower unit Flow Rates	Level 1 > + 170nl/min Level 2 > =220 nl/min
Operation timer	Level 1 - 10 h, Level 2 - 9h (condition: full charged new battery room temperature)
Battery type	Li-Ion Rechargeable, Cycles > 500, Voltage Capacity: 14.8V/2.6Ah, Chargin Time: approx 2.5h
Air hose lenght	850 mm (900mm including connectors) with protective sleeve. Diameter: 31mm (inside).
Master filter type	P3 TH3P R SL for TH3P System (Europe)
Standard	EN12941:1988/A1:2003/A2:2008 TH3P R SL
Noise level	≤ 60 dB (A)
Material	PC+ABS, blower high quality ball bearing long life brushless motor
Weight	1097 g (including filter and battery)
Dimension / Color	224x190x70mm (outside max)/Black/Grey
Maintenance (Replace items regularly)	Activate carbon pre-filter: once a week if you use it 24hrs a week; H3HEPA filter: once 2 weeks if you use it 24hrs a week