

# PureFlo 3000

## PAPR – Welding with ADF



## Data Sheet

The PureFlo 3000 welding helmet is an innovative respiratory protective system that provides a unique all-in-one respiratory, head, face, eye and hearing protection solution with integrated ADF lens.

The helmet comes with two options for the Auto Darkening Filter (ADF), Pro ADF and Pro ADF Deluxe.



## TECHNICAL SPECIFICATION

Weight	1500g (without ADF Lens)
Head Size Range	53 - 63cm
Protection Factor	Assigned Protection Factor (APF) - 40 Nominal Protection Factor (NPF) - 500
Humidity	0-90% (store out of direct sunlight)
Helmet Material	Acrylonitrile Butadiene Styrene (ABS)
Regulated Airflow	>170L/m
Temperature Range	Charging: +5°C to +40°C Use: -5°C to +40°C Storage (excluding battery) : -20°C to +50°C
Power Supply	Continuous Power: Battery runtime/capacity 4hrs Charge Time: 2 hrs
Accessories:	Ear Defenders (SNR 26, 29 & 32) Pro ADF (Variable Shade 9 ~ 13) Pro ADF Deluxe (Variable shade 4-8/8-12)

## APPROVALS

Subject to approval from notified body and which is currently in progress

Respiratory Protection	EN 12941:1998+A2:2008 Protection Level TH3
Head Protection	EN 397:2012+A1:2012
Environmental Protection	IP54 (In Use) IPX5 (Cleaning) IEC 60509:1989
Eye/Face Protection	EN 379:2003 + A1:2009 EN 175:1997

# Auto-Darkening Welding Filter

The auto-darkening welding filters are designed for Arc welding or cutting applications. The unit is suitable for all Arc welding processes such as MIG, MAG, TIG, SMAW, Plasma Arc and Carbon Arc

This auto-darkening welding helmet is not recommended for "overhead" welding applications, Laser welding or laser cutting applications.

In the event of electronic failure, the welder remains protected against UV and IR Radiation according to shade 16. The auto-darkening welding filter should always be used with original inner and outer lenses.

## TECHNICAL SPECIFICATION

ADF MODEL	<b>Pro ADF</b> PF3000-04-023	<b>Pro ADF Deluxe</b> PF3000-04-024
Viewing Area	92 x 42mm /3.62" x 1.65"	98 x 62mm /3.86" x 2.5"
Cartridge Size	110 x 90 x 7mm / 4.33" x 3.54" x 0.28"	110 x 90 x 7mm / 4.33" x 3.54" x 0.28"
UV/IR Protection	Permanent Shade DIN 16	Permanent Shade DIN 16
Light State	Shade DIN 4	Shade DIN 3
Dark State External Adjustment	Variable Shade 9 ~ 13	Variable shade 4-8/8-12
Sensors	2	4
Grinding	Yes	Yes
Sensitivity Control	Internal stepless adjustment knob	Internal stepless adjustment knob
Switching speed	0.00005 sec (1/20,000)	0.00005 sec (1/20,000)
Delay Control	0.2/0.4 Seconds	0.2/0.4/0.6 Seconds
TIG Rating	>5Amp	>2Amp
Battery Type	2 x CR 2032 (Replaceable)	1 x CR 2450 (Replaceable)
Solar Cell	Yes	Yes
Operation Temperature	-5°C to +40°C (23° F to 131° F)	-5°C to +40°C (23° F to 131° F)
Storage Temperature	-20°C to +70°C (-4° F to 158° F)	-20°C to +70°C (-4° F to 158° F)
Standards Compliance	CE EN379, EN175, ANSI Z87.1-2010, CSA Z94.3-2007	CE EN379, EN175, ANSI Z87.1-2010, CSA Z94.3-2007

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