

CITOLUXE



A new generation of autodarkening welding helmets

New exclusive design

Higher comfort and protection

New liquid crystal welding masks equipped with high performance electric-optical filter.

Extra-wide vision, reliability and versatility.



The advantages of the CITOLUXE welding mask

New exclusive design :

- Easy extractable filter released with a simple simultaneous pressure on the pushbutton.
- Quick and easy access to the protection screen and to the ADVANCE filter for simple maintenance.
- Adjustable head gear with 4 positions that can suit any morphologies or welding practices.

Comfort and protection :

- Covering shape for an optimized head protection.
- Optimization of the volume for a better breathing comfort.
- Made out of high resistance synthetic material (Nylon 66). Very light, this material is an excellent temperature holder.



The liquid crystal Advance filters : the extra-wide vision era

An extra-wide vision :

5 820 mm² for an optimum operational comfort, an excellent visibility of the working area, specially for welding in all positions.

An ultra-powerful detection :

4 independent optical sensors allowing an optimum detection including for welding in all positions, hidden arc, low current welding (TIG), pulsed welding modes...

An incredible speed of reaction :

0,0005 s in speed of reaction thanks to a mixed energy supply with solar cells and replaceable batteries.

Advance 3000 filter V4/9-13

The new version **Advance 3000** presents 3 innovations :

- Auto-start function : it is not necessary to push the "on" button before starting to weld. Automatic starting.
- Reset button : in case of a dysfunction of the electronic system, press the "reset" button twice to re-initialize the original parameters.
- Grinding mode : a fixed shade 4 is activated, to ensure optimum protection when grinding.



Advance 4000 filter V4/9-13

The top-of-the-range solution for any application :

4 adjustment modes from an LCD screen with digital keys :

- Welding : variable shades 4/9-13, 4 optical sensors, regulation of the sensitivity and of the return to a clear shade.
- Grinding : activation of the filter in clear shade level 4.
- Cutting, low current welding : adjustable shades 5 to 9 for TIG process low intensity, microplasma, oxyacetylenic welding...
- "X mode" : adjustable shade 4*9-13 with magnetic sensors for outside or obscured arc welding...



Technical characteristics of the Advance filters

	Advance 3000 V4/9-13 filter	Advance 4000 V4/9-13 filter
Optical class	1 / 3 / 1	1 / 3 / 1
Switching time clear-dark	0,0005s	0,0005s
Switching time dark-clear	Adjustable between 0,1 and 1 sec	Adjustable between 0,1 and 1 sec
Sensibility adjustment	Uninterrupted	10 positions per digital keys
Sensors	4 independent optical sensors	4 independent optical sensors turning magnetic in "X mode"
Viewing area	97 x 60 mm	97 x 60 mm
Clear shade	Index 4	Index 4
Dark shade	Adjustable with potentiometer from 9 to 13	Adjustable with digital key from 9 to 13
Grinding mode	Yes - shade 4	Yes - shade 4
Cutting / flame welding mode	No	Yes - shade 5 to 9
Constant protection UV / IR	Yes	Yes
Supply	Lithium CR2450 3 Volt batteries	Lithium CR2450 3 Volt batteries
Solar cells	Yes	Yes
Working temperature	-5°C to + 55°C	-5°C to + 55°C
Storing temperature	-30°C to + 70°C	-30°C to + 70°C
Eyes protection standards	CE EN 379	CE EN 379

Characteristics of the CITOLUXE mask

Weight of the mask equipped with filter	510 g
Hood material	Nylon 66
Hood color	Blue
Face protection standards	CE EN 175

To order

CITOLUXE 3000 : W 000 335 132

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Filtre Advance 3000 V4/9-13 : W 000 260 839

Filtre Advance 4000 V4/9-13 : W 000 260 974