

# WELDING. CUTTING. CREATING.

- ✓ 4 independent arc sensors
- ✓ Flip-up design
- ✓ Clear lens technology for ultimate visibility and clarity
- ✓ Side lens
- ✓ Includes air filtration system



MIG/MAG

MMA

FLUXCORE

PLASMA

GRIND

## SOLDATECH

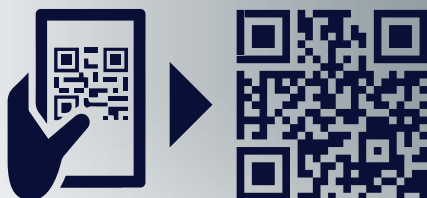


### **EWHSF SIDECLEAR PLUS** AUTOMATIC WELDING HELMET WITH EXTRACTION

Optical Class	1/1/1
Viewing Area / Window	107 x 75 mm
Cartridge Size	156 x 123 x 33 mm
Number of Sensors	4
Light State	DIN 4
Dark State	Variable shade 5 ~ 8 / 9 ~ 13
Shade Control	Internal, digital display control
Power On/Off	Manual, automatic off
Sensitivity	Digital display control
Power Supply	Solar cell 2x CR2450 lithium battery
Switching Time	(light to dark) 1/25000 sec.
Delay Time	(dark to light) 0.1 - 1.0s
TIG Rating	≥ 2 amps (DC) ≥ 2 amps (AC)
Grinding Mode	Yes
Grinding Shade	DIN 4
Operating Temperature	-5°C ~ 55°C
Storage Temperature	-10°C ~ +55°C
Helmet Material	High-impact resistant nylon

#### Applications:

Electrode welding (SMAW), TIG DC & AC, TIG Pulse DC, TIG Pulse AC, MIG/MAG/CO<sub>2</sub>, MIG/MAG Pulse, Plasma Arc Cutting (PAC), Plasma Arc Welding (PAW), Air Carbon Arc Cutting (CAC-A), Grinding  
Not for laser welding



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# WELDING. CUTTING. CREATING.



REAL-TIME  
MONITORING



INTELLIGENT  
CONTROL



AUTO-ALARM  
SYSTEM



HIGH-QUALITY  
MOTOR



FILTERING  
PROTECTION



REPLACEABLE  
FILTER UNITS

## SOLDATECH

### **EWHSF SIDECLEAR PLUS EXTRACTION**

Filter Efficiency	99.997%
Storage Temperature	-10°C to 55°C
Airflow Rate	Minimum design 165+ lpm (5.8+ cfm) Low speed 170 lpm (6+ cfm) High speed 210 lpm (7.4+ cfm)
Charging Time	1 hour
Battery Life	9h (170 lpm) 5-6h (210 lpm)
Battery Type	Rechargeable
Battery Technology	Lithium-ion
Charge Cycle	≥500



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