



AUTO-DARKENING ELECTRONIC WELDING HELMETS

WHM-001



- * Shade range: DIN4/#9 to #13 shade with dial control switch
- * Cartridge size: 120 x 90 x 12 mm
- * Viewing window: 96 x 45 mm
- * Switch time: Light to dark: $\leq 5\text{ms}$
Dark to light: $\leq 0.3 - 0.5 \text{ S}$
- * Ultraviolet protection: $<0.0003\%(313\text{nm})$, $<0.006\%(365\text{nm})$
- * Operating Temperature: -5°C to $+55^{\circ}\text{C}$
- * Power: Solar power and battery
- * Weight: 490g

WHM-002



- * Shade range: DIN4/#9 to #13 shade with selection control switch
- * Cartridge size: 120 x 90 x 12 mm
- * Viewing window: 96 x 45 mm
- * Switch time: Light to dark: $\leq 1.5\text{ms}$
Dark to light: $\leq 0.3 - 0.5 \text{ S}$
- * Ultraviolet protection: $<0.0003\%(313\text{nm})$, $<0.006\%(365\text{nm})$
- * Operating Temperature: -5°C to $+55^{\circ}\text{C}$
- * Power: Solar power and battery
- * Weight: 490g

WHM-003



- * Shade range: DIN4/#9 to #13 shade with selection control switch
high low sensitivity switches
- * Cartridge size: 120 x 90 x 12 mm
- * Viewing window: 96 x 45 mm
- * Switch time: Light to dark: $\leq 1.5\text{ms}$
Dark to light: $\leq 0.3 - 0.5 \text{ S}$
- * Ultraviolet protection: $<0.0003\%(313\text{nm})$, $<0.006\%(365\text{nm})$
- * Operating Temperature: -5°C to $+55^{\circ}\text{C}$
- * Power: Solar power and battery auto shut off
- * Weight: 490g



AUTO DARKENING ELECTRONIC WELDING HELMET

Optech® Safety Helmet-style Auto-Darkening Filter Welding Helmet

Welding helmet can fit perfectly over a safety helmet. When welder turns up helmet to over his head, helmet's center of gravity can be self-adjusted to coincide with the center of gravity of the safety helmet, thus making the welder feel more comfortable than before while working.

WSZ810



- ▶ Viewing Area: 98x43mm (3.86"x1.69")
- ▶ Size of Cartridge: 110x90x9mm (4.33"x3.54"x0.35")
- ▶ UV/IR Protection: Up to shade no.DIN16 all the time
- ▶ Light State: Shade DIN 3 (4)
- ▶ Variable Shade: Shade DIN 9 (8) to 13(14)
- ▶ Power Supply: *Solar cells, No battery change required.*
- ▶ Power On/Off: Fully Automatic
- ▶ Sensitivity: Can be adjustable
- ▶ Switching Time: A) Light to Dark: 1/25000s
B) Dark to Clear: 0.25~0.35s at <fast> position
0.5~0.80s at <slow> position
- ▶ Operating Temperature: -5 °C to +55°C (23°F to 131°F)
- ▶ Storing Temperature: -20 °C to +70°C (-4°F to 158°F)
- ▶ Helmet Material: High-impact resistant plastic/ Polyamide Nylon/ PP
- ▶ Total Weight: 435g

S998



- ▶ Viewing Area: 98x43mm (3.86"x1.69")
- ▶ Size of Cartridge: 110x90x9mm (4.33"x3.54"x0.35")
- ▶ UV/IR Protection: Up to shade no.DIN16 all the time
- ▶ Light State: Shade DIN 4 (3)
- ▶ Variable Shade: Shade DIN 9 (8) to 13(14)
- ▶ Power Supply: *Solar cells, No battery change required.*
- ▶ Power On/Off: Fully Automatic
- ▶ Sensitivity: Can be adjustable
- ▶ Switching Time: A) Light to Dark: 1/30000s
B) Dark to Clear: 0.25~0.35s at <short> position
0.50~0.80s at <long> position
- ▶ Operating Temperature: -5 °C to +55°C (23°F to 131°F)
- ▶ Storing Temperature: -20 °C to +70°C (-4°F to 158°F)
- ▶ Helmet Material: High-impact resistant plastic/ Polyamide Nylon/ PP
- ▶ Total Weight: 430g