

# APR 900



## Fields of Application



MIG-MAG    TIG    Stick    Plasma    Grinding

## Concept of Use

|  |   |  |
|--|---|--|
|  |   |  |
| <p><b>ADF</b></p> <ul style="list-style-type: none"> <li>■ High-End ADF</li> <li>■ Highest optical quality</li> <li>■ True Colour View</li> <li>■ Best possible protection during welding and cutting</li> </ul> | <p><b>Viewing Area</b></p> <ul style="list-style-type: none"> <li>■ Extra large Viewing Area</li> <li>■ Highest transparency</li> <li>■ Optimal spatial perception</li> <li>■ Quick replacement of the Outer Lens by a simple locking mechanism</li> <li>■ 4-point construction: visor and shell remain scratch-free when the helmet is put down</li> </ul> | <p><b>Grind Mode</b></p> <ul style="list-style-type: none"> <li>■ Deactivation of the glare shield by additional button on the outside of the helmet</li> <li>■ Easy change between welding and cutting</li> </ul> |

# TECHNICAL DATA



**ADF APR C850**

|                                |  |
|--------------------------------|--|
| Description                    | Fully automatic welding helmet with true colour view and auto-darkening ADF shade level range 3 - 14 |
| Viewing Area                   | 98 x 62 mm / 3.86" x 2,5"  |
| Cartridge Size                 | 110 x 110 x 9 mm / 4.33" x 4.33" x 0.35"   |
| Classification                 | 1 1 1 1<br>(Optical Class, Scattered light, Homogeneity, Angular dependence)                         |
| True Colour View               | Yes  |
| Grind Mode                     | Yes (externally adjustable)  |
| Protection Level Control       | 3 5-8 9-14   |
| UV/IR Protection               | Permanent Shade DIN 14   |
| Protection Level (light state) | Shade DIN 3  |
| Protection Level (dark state)  | DIN 5-8 (Cut) / DIN 9-14 (Weld)  |
| Sensors                        | 4 Sensors  |
| Grinding                       | Shade 3  |
| Sensitivity Control            | Digital (1-9)  |
| Delay Control                  | Digital (0.1-0.95)   |
| TIG-Rating                     | >2Amps   |
| Battery Type                   | 2 x CR 2032 (exchangeable)   |
| Battery Life                   | >2000 hours (operating)  |
| Solar Cell                     | Yes  |
| Power On/Off                   | Fully automatic, standby mode after 30 minutes if no bright light source is present                  |
| Operation Temperature          | -5°C bis +55°C / 23°F bis 131°F  |
| Storage Temperature            | -20°C bis +70°C / -4°F bis 158 °F  |
| Standards and Norms            | CE EN379:2009 ANSI Z87.1-2020<br>CSA Z94.3-2020 AS/NZS1338.1-2012                                    |
| Weight ADF                     | 130 g  |
| Total Weight Helmet            | 650 g  |
| Scope of Delivery              | Welding helmet APR 900, 1 Outer Lens, 1 Inner Lens, Cleaning cloth, Batteries, Instruction manual    |