



## TAURUS HSTD05 AUTO-DARKENING FLIP-FRONT WELDING HELMET

### Description



## TAURUS HSTD05 AUTO-DARKENING FLIP-FRONT WELDING HELMET



The Taurus HSTD05S auto-darkening helmet protects eyes, face, neck and ears from welding-spatter residue and grinding particles. Of particular value is eye and face protection against ultraviolet (UV) and infrared (IR) radiation. The auto-darkening system is the result of the electronically adjustable shade on a DIN scale from 9 to 13. The darkening system is operated by a solar rechargeable Lithium battery. The switching time between arc and darkening is 1/10000s. The fabrication material for the shell has a soft, semi-flexible and flame-retardant texture with high strength and durability. The Taurus helmet's design is based on an international ergonomic style with ample air space for cooler wear and comfortable fit.

---

## SOME KEY FEATURES

- Solar & battery powered.
- Full face protection.
- Adjustable shade(9-13), sensitivity & delay.
- Flip-front lens for larger viewing area.

## APPROVALS

- CE approved.

## SPECIFICATION

| SPECIFICATION         | VALUE                   |
|-----------------------|-------------------------|
| VIEWING AREA          | 89mm x 39mm             |
| GRINDING FUNCTION     | –                       |
| OPTICAL CLASS         | 1/1/1/2                 |
| TRUEVIEW TECHNOLOGY   | –                       |
| UV/IR PROTECTION      | Permanent               |
| ARC SENSOR            | 2                       |
| SWITCHING TIME        | 0.06ms                  |
| SOLAR CELL            | Yes                     |
| BATTERY               | Li-battery (CR2032)     |
| LIGHT STATE           | DIN 4                   |
| DARK STATE            | DIN 9 – DIN 13          |
| AUTO-SHADE DEVIATION  | –                       |
| DELAY TIME            | Adjustable 0.1s to 1.0s |
| OPERATION TEMPERATURE | -10°C to +60°C          |

### Product Category

1. Eye Protection
2. Safety Equipment
3. Welding PPE

### Date Created

02 Nov 2025