



## WELDING SHIELD MOD. 405-CP

*The Climax head-type welding shield model 405-CP is designed to provide effective protection against radiation emitted during welding processes, as well as any incandescent particles that may be released during such processes. This is a less expensive variation of model 405-C, with the main frame injected with polypropylene, a material that is less effective in terms of protection against incandescent particles, but that is lighter and more flexible.*

### Description and features

The 405-CP shield is manufactured using ultra-light, top-quality materials that are extremely resistant.

#### Main frame and fastening system

The frame is made out of polypropylene. The screen covers the user's face and neck, protecting him/her from any potential burns.

The fastening system is made up of a harness with two straps, one for the girth and the other crossing the first. The perimeter of the girth strap can be comfortably adjusted using the wing nut located at the rear. The length of the crossing strap can also be adjusted to seven different positions. The girth strap is padded to prevent discomfort in the places where it comes into contact with the user's head.

#### Lens frame and Lenses

The Shield's frame is fitted with a rectangular cavity to house the filter eyepiece, which is made of non-actinic glass and measures 110x90 mm or 110x55 mm and is EC certified. The eyepiece is fastened by means of an inner rectangular frame, which is attached to the main frame using screws. In addition, the screen has an external 1 mm thick filter cover made of colourless polycarbonate, which protects the non-actinic filter from particles and impact. The standard screen is manufactured with a tone 12 non-actinic filter, although a wide range of tones are available (from tone 8 to tone 14).

#### Variants

**Model 405-C (110x90):** with non-actinic glass and a filter cover measuring 110x90 mm

**Model 405-C (110x55):** with non-actinic glass and a filter cover measuring 110x55 mm

**Model 405-CA:** Fitted with a collapsible non-actinic filter available in the following measurements: 110x55 mm, 108x51 mm and 105x50 mm.

### Packaging

Individual units in plastic cover with an information leaflet.

Box of 36 units:                      Measurements: 80x75x60 cm  
Gross weight: 17 kg

### Spare parts

The following parts of the shield can be replaced:

- Welding filter 110x90 mm, 110x55 mm, 108x51 mm or 105x50 mm
- Filter cover 110x90 mm, 110x55 mm, 108x51 mm or 105x50 mm
- Main frame
- Fastening system

### Applications

The 405-C shield is ideal for use in any kind of welding process, selecting the right filter eyepiece tone for each kind of welding in which the equipment is used. In any case, the screen provides perfect protection against radiation emitted during welding processes and flying incandescent particles.

### Technical features and tests

|                                   |           |
|-----------------------------------|-----------|
| - Weight                          | 430 g.    |
| - Optical class of the filter     | 1         |
| - Shades                          | 8 to 14   |
| - Increased mechanical resistance | COMPLIANT |
| - Drop resistance                 | COMPLIANT |
| - Opacity of welding screens      | COMPLIANT |