

NEW

REAL-COLOUR

Auto-darkening (Solar) Underwater Welding Filter/Lens

New **real-colour**, underwater auto-darkening welding filter/lens offers significant improvements in clarity; ideal for more colourful welding. The filter also has a larger solar-panel, thus improving sensitivity.

Pure Solar Power: - The welding filter operates purely on solar-power (requires no batteries). The sophistication of the electronics allows the filter to operate with ambient light levels as low as 75-100 LUX. However, if the diver feels the filter is not switching correctly, then use of a hat-light is recommended, to help increase ambient light.

The switching speed remains the same at 0.2-0.25ms, as tested during production, and is designed to operate in the toughest conditions. It will handle rough knocks and scrapes and requires no special precautions, although after use, it should be rinsed off in freshwater and dried before storing.

The new filter is designed to operate at slightly lower filter strengths; now approximately equivalent to glass #8-9 filter/lens. It also offers lower background filter strength of approximately #2-3, but as its real-colour, far more detail is visible.

The filter fits into a standard KM welding assembly (525-403) using the standard snap-ring fixing mechanism. If a non standard welding lens assembly is used, ensure the light sensors are not restricted, as full access to the welding arc is required. Also, make sure no additional 'clear' lens is used either in the front or back of the filter.

Happy welding is **REAL-COLOUR** welding....



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DO NOT PLACE ANYTHING IN FRONT OF THE LENS OR SOLAR PANEL

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