



**A World Novelty for Convenience and Protection of the Welder**



Active (auto-darkening) welding filters have built-in high efficient infrared filters. These are permanently effective independently from the correct function of electronics or liquid crystals. They are protecting the welder's eyes against unwanted warming and eyes running dry. This way these IR-filters are inhibiting a potential scratching of the lens besides other injuries.

All serious and approved manufacturers are using this kind of IR-filters. But all of these filters have an essential disadvantage. They are tampering the reality in a displeasing way by showing the ambience in variations of green only. This was state of the art of a computer monitor twenty years ago. Younger welders may not even remember.

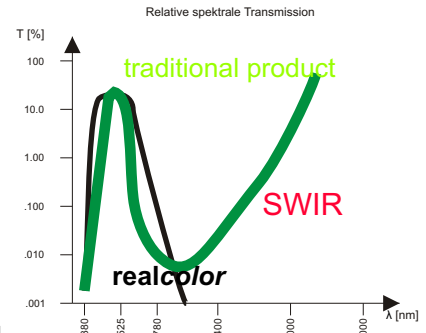
Innovation from the engineers of **AEP** have now brought this to an end. **realcolor** brings colors to the world of welding!



**Comfort and Safety**

The tough job of a welder does require not to compromise. That's why this technique is not only an absolute novelty about the visual impression it is anticipating the upcoming worldwide ISO-Standards. Unlike traditional products the new **realcolor** filters are additionally protecting against the under-estimated shortwave infrared (**SWIR**) of which there that was not to much attention until now. The chart is showing this important advantage besides the welcome fact that we finally see colors.

All test results of **AEP** achieved with a photo-spectrometer have been confirmed by independant test laboratories. Of course also by **DINCERCTO** the worldwide recognized notified body for testing and certification of eye protection.



This **World Novelty** has been applied for **EP 06405530.4** at the European Patent Authority in Munich (Germany) in order to guarantee correct and world-wide implementation of this revolutionary invention.

Make sure to consider comfort and safety when buying an active welding filter. You will forget the monochromatic world very quickly!

**Patent pending**

**EP 06405530.4**  
**19.12.2006**



This trademark is telling you that you are purchasing the right product.