

cleanPROTECT - protection accessories for the newest technology



Protection of optics against radioactive particles as well as chemical and biological substances

The use of the laser in areas with toxic and radiological contamination requires the protection of the optics and the optic fiber along with personnel protection provided by selected suits, masks and gloves. The protective cover can be decontaminated or cleaned to prevent cross-decontamination. In case of heavy contamination, the cover can be disposed of or burned according to established practices.



USE

- effiSCAN on Mid- and High-Power laser system (CL 150 - CL 1000)
- Hand-guided application with or without glovebox
- For nuclear sector against particulate contamination
- For chemical industry (resistance level to be checked individually)
- For biological sectors of industry
- Protection in the field of remediation (black and white)

PROTECTIVE EQUIPMENT IN DETAIL

FEATURES

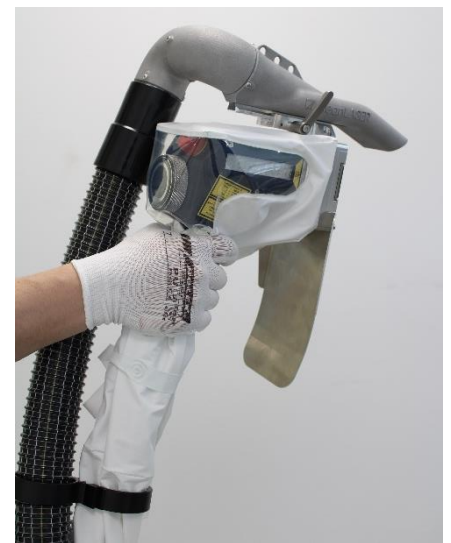
- PU-based cover with fleece fabric inside
- Decontaminable by means of isopropanol and common cleaning agents
- Resistant against water splashes and wipes
- Tear-resistant and flame retardant
- Gas-tight weld seams
- Double protective glass incl. quick-change drawer for the primary protective glass
- Applicable at different levels depending on the application
- Total weight: in basic equipment 2.2 kg, complete equipment 3.5 kg
- Cable protection standard 4 m (extension 10-20 m)

The protective equipment for the effiSCAN optics can be attached in a very short time using just a few simple steps. The glove mode on the effiSCAN allows the parameters to be set via a rotary knob and the optics to be operated wearing multiple gloves in the heavy-duty version.

At a long working distance of approximately 200 mm, the protective glass is positioned well away from the primary emissions. If required, the protective glass can be replaced in seconds. The suction nozzle can also be removed and an external suction nozzle carried along. A safety shield protects the hand and the safety bag from reflections. At the same time the cover protects 4 m of the fiber optic cable.

Individual customization is possible:

- Yellow or transparent instead of white
- 10 m up to 20 m length of the optic cable



PLEASE CONTACT US. WE ARE HAPPY TO ADVISE YOU!

 **cleanLASER**
cleaning with light