

TruServices.
Genuine parts

Protective glasses



Genuine protective glasses from TRUMPF

Your solid-state laser machine or system includes a protective glass that protects the lens against impurities. Genuine protective glasses from TRUMPF are produced to precise specifications to match the wavelength of the laser light and to meet the requirements of the sensor system and of the cutting and welding processes.

01 Smart coating

Ensures optimum lens protection

02 Perfect match for your sensor system

Thanks to our wide variety of protective glasses

03 High process reliability

Minimizes machine downtime

01

Smart coating

Ensures optimum lens protection

Why is the coating so important? Because its quality has a direct impact on the way the protective glass works and how well it performs. The key is to define the right specifications, which means using highly sensitive optical parameters such as wavelengths, coatings, transmission, coating thicknesses and reflections and ensuring that these meet the relevant basic ISO standards.

A special coating – plus the use of particularly pure materials – guarantees low levels of reflection and prevents thermal changes to the glass.



**TRUMPF Genuine
parts are easy
to order**



spareparts.tls@trumpf.com
or
+49 (0) 7156 303-37444

or online in the **TRUMPF e-shop**.

Sign up for free at
www.trumpf.com/mytrumpf



02

Perfect match for your sensor system

Thanks to our wide variety of protective glasses

Choosing the right protective glass for your machine is the key to ensuring your sensor system works at maximum efficiency. TRUMPF protective glasses include special coatings that are optimally adapted to their environment.

You benefit from an all-in-one solution consisting of a laser device, sensor system and the right protective glass – a perfectly tailored package for your application, supplied from a single source.



03

High process reliability

Minimizes machine downtime

Whether you work with copper, steel or aluminum, our application specialists are on hand to help you optimize your process and keep spatter formation to a minimum. By adapting the workflow or by integrating an additional crossjet, we can help you find ways not only to reduce spatter, but also to reduce the accumulation of impurities on parts, clamping devices and lenses.

You benefit from parts that require less rework, minimal machine downtime, and a long service life for your protective glass.



**Need advice
on your
specific
application?**

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