



product code: **SP050-50-110D**

product ean: **5900391255148**

Standard:

DIN EN 12254:2012-4

EN 60825-4:2006

Protection class:

D AB7 + I AB8 + R AB6 + M AB8Y

GDLS>1050-1400 nm, 280 mW/m² (>1050-1400, 100sec)

Product variants

Index

Door 1100x2000 for laser welding cells

SP050-50-110D

Door 1100x2000 with viewing window for laser welding cells

SP050-50-110VD

Product description

SPARTUS® PROTECT - MOBILE PROTECTIVE SCREENS FOR CLASS 4 LASER APPLICATIONS

SAFETY. MOBILITY. CONTROL.

SPARTUS® PROTECT is a professional system of mobile protective screens designed specifically for Class 4 laser applications. With quick assembly and customizable configurations, creating a safe working zone has never been easier.

HIGH STANDARD OF OPTICAL PROTECTION

The screens are made of protective materials compliant with **DIN EN 12254:2012-4** and **EN 60825-4:2006** standards. The product provides effective protection against laser radiation in the wavelength range of 1050-1400 nm, meeting the following protection classes: D AB7 + I AB8 + R AB6 + M AB8Y GDLS>1050-1400 nm, 280 mW/m² (>1050-1400, 100 sec). This makes **SPARTUS® PROTECT** a safe solution even in environments with the most demanding laser sources.

MOBILITY AND CONFIGURATION FLEXIBILITY

The **SPARTUS® PROTECT** system is designed for maximum mobility. Each screen is equipped with durable, lockable swivel casters, allowing for quick repositioning and flexible arrangement. This enables the creation of temporary or semi-permanent protective enclosures within production halls or workshops.

INTEGRATED DOOR - EASY ACCESS

The door available within the **SPARTUS® PROTECT** system provides convenient access to and from the enclosed work area without disassembling or compromising the structure of the protective screens. This practical solution ensures smooth access while maintaining the integrity of the entire enclosure system.

APPLICATIONS

SPARTUS® PROTECT is ideal wherever effective protection against laser radiation is required:

- laser welding and cutting workstations,
- research laboratories,
- precision industry production lines,
- designated safety zones in industrial facilities.

BUILD A SAFE WORKSPACE – WITH SPARTUS® PROTECT!

Choose reliable protection in the most demanding

conditions. With **SPARTUS® PROTECT**, you can create safe, modular enclosures for laser work – wherever you need them.

