



product code: **SP050-50-110VD**
product ean: **5900391255155**

Standard:

DIN EN 12254:2012-4
DIN EN 12254:2010 + AC:2011
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	Price
Door 1100x2000 with viewing window for laser welding cells SP050-50-110VD	€624.70 / pc VAT 23% €768.38 / pc
Door 1100x2000 for laser welding cells SP050-50-110D	€401.49 / pc VAT 23% €493.83 / pc

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 working with Class 4 lasers. With quick assembly and flexible configuration, creating a safe work 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 1050-1400 nm wavelength range, according to 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** safe to use even in the presence of the most demanding laser sources.

MOBILITY AND CONFIGURATION FLEXIBILITY

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

INTEGRATED VIEWING WINDOW

SPARTUS® PROTECT screens are also available with an integrated protective viewing window that meets relevant safety standards. The special filter pane allows safe observation of processes inside the work zone without the risk of laser radiation exposure. This is a practical solution for workstations where continuous visual monitoring of devices is

required.

SYSTEM DOOR – COMFORTABLE ACCESS

The door available in the **SPARTUS® PROTECT** system enables convenient entry and exit from the designated work area without dismantling or compromising the structure of the protective screens. This practical solution ensures smooth access while maintaining the integrity of the entire shielding system.

APPLICATIONS

SPARTUS® PROTECT is suitable for all areas where effective protection from laser radiation is essential:

- 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 for the most demanding environments. With **SPARTUS® PROTECT**, you can create safe, modular enclosures for laser operations – wherever you need them.

