



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

product ean: **5900391255186**

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

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Screen 1100x2000 with viewing window and connector for laser welding cells

SP050-50-110VA

Screen 1100x2000 with connector for laser welding cells

SP050-50-110A

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 working area has never been easier.

HIGH STANDARD OF OPTICAL PROTECTION

The screens are made from certified protective materials compliant with **DIN EN 12254:2012-4** and **EN 60825-4:2006**. 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** suitable even for the most demanding laser environments.

MOBILITY AND CONFIGURATION FLEXIBILITY

The **SPARTUS® PROTECT** system is designed for maximum mobility. Each screen is equipped with sturdy, lockable swivel casters, enabling quick repositioning and arrangement in various configurations. This allows 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, compliant with relevant safety standards. The special filter panel enables safe observation of processes inside the work zone without the risk of laser radiation exposure. This is a practical solution for workstations requiring continuous visual monitoring of equipment in

operation.

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 WORK ENVIRONMENT - WITH SPARTUS® PROTECT!

Choose reliable protection in the most demanding conditions. With **SPARTUS® PROTECT**, you can create safe, modular laser workspaces – exactly where you need them.

