

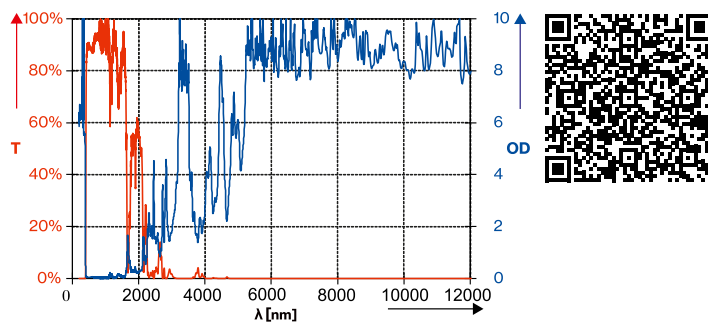
Window P1D01



- CO₂ filter for medium power
- Excellent colour recognition
- CE / EN 60825-4
- Max. dimension: 3000 × 2000 mm



Transmission-/OD Curve P1D01**



Window	P1D01
Colour	Full Protection
Certification	CE
VLT (approx.)	90%
Visual Brightness	Excellent
Colour View	Unrestricted
Filter Thickness	approx. 6mm

Protection according to DIN EN 60825-4:2011				
6mm	4700–25000nm	103 kW/m ²	T2	T _{max} =105s

Wavelength [nm]	OD	Protection level {10 sec.}
180–315	10+	D LB10 + IR LB4 + M LB6Y
>315–371	6+	D LB4 + I LB3
4765–25000	10+	D LB5 + R LB3Y + M LB6Y

Dimension [mm]	Art. Number
200×100	000.P1D01:1001
297×210	000.P1D01:1002
450×300	000.P1D01:1006
600×450	000.P1D01:1007

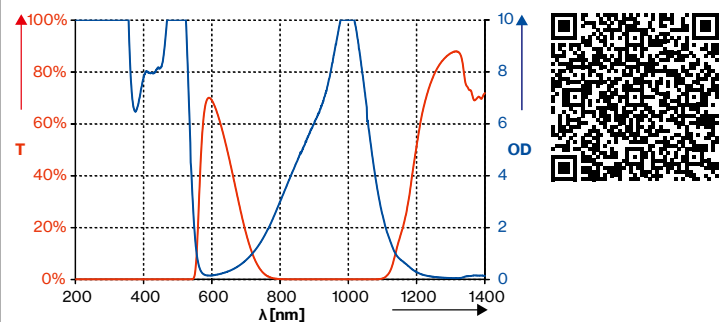
Window P1L03



- Standard filter for UV and 532 nm Nd:YAG laser
- Suitable für diode pumped Nd:YAG laser
- Max. dimension: 1219 × 915 mm



• Transmission-/OD Curve P1L03**



Window	P1L03
Colour	Full Protection
Certification	OD
VLT (approx.)	26%
Visual Brightness	Sufficient
Colour View	Slightly Limited
Filter Thickness	approx. 3mm

Wavelength [nm]	OD
180 - 350	OD10+
>350 - <410	OD6+
410 - <460	OD7+
>460 - 528	OD8+
>528 - 530	OD7+
>530 - 532	OD6+
>532 - 535	OD5+
>535 - 540	OD4+
770 - <800	OD2+
800 - <830	OD3+
830 - <870	OD4+
870 - <910	OD5+
910 - <940	OD6+
940 - <970	OD7+
970 - 1030	OD8+
>1030 - 1044	OD7+
>1044 - 1050	OD6+
>1050 - 1068	OD5+
>1068 - 1078	OD4+
>1078 - 1090	OD3+
5400 - <10600	OD5+
10600 - 11000	OD6+

Wavelength [nm]	Certified protection levels acc. to DIN 207
180 - 350	D LB6 + R LB3 + M LB6Y
>530 - 532	D LB6 + R LB3 + M LB5Y
>1050 - 1068	DIR LB5

For the above mentioned protection levels, the laser exposure tests were carried out according to EN207 and confirmed by the independent Notified Body DIN CCERTCO (test report 1059-PZA-15). These tests can also be transferred to the surrounding wavelengths with the same OD.

Dimension [mm]	Art. Number
200×100	000.P1L03:1001
297×210	000.P1L03:1002
450×300	000.P1L03:1006
600×450	000.P1L03:1007