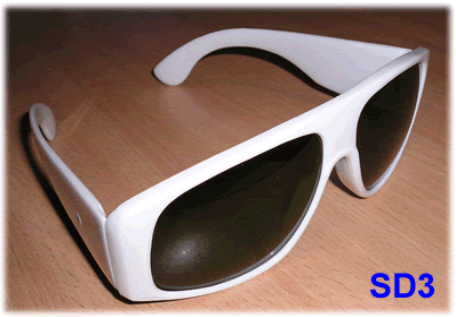
Wuhan Sintec Optronics Co Ltd
武汉新特光电技术有限公司

Laser Safety Goggles (STSD Series)

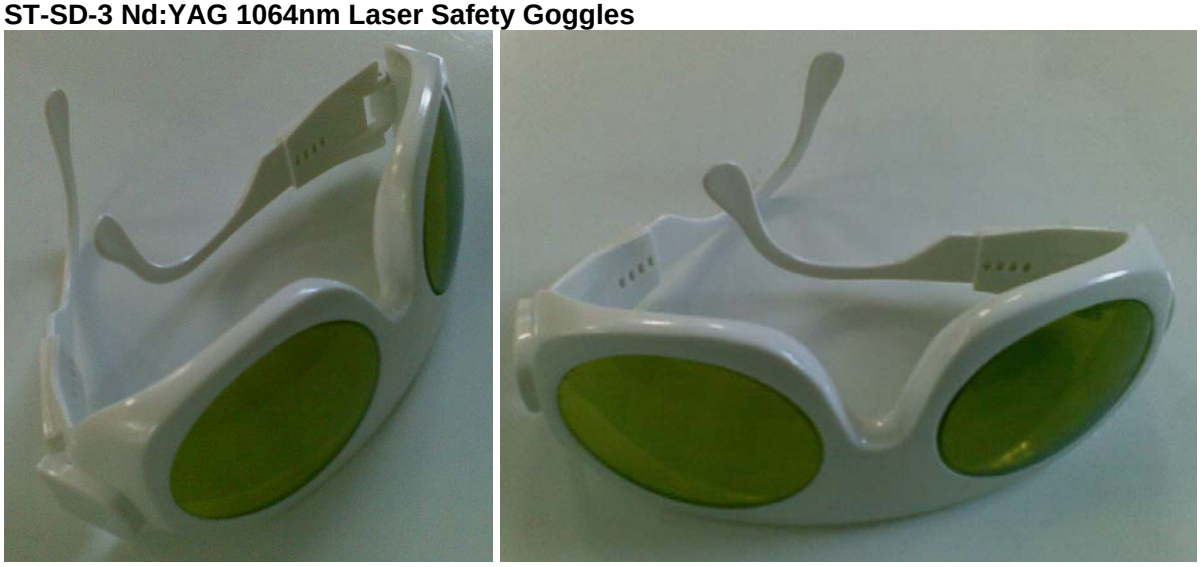


STSD series laser protective goggles are made of a sort of special plastics, which appends several well selected laser-absorbing dyes. They provide excellent filters to protect your eyes against laser beams used in scientific, industrial and medical applications. The protective characters and safety won't change at different incident angles.

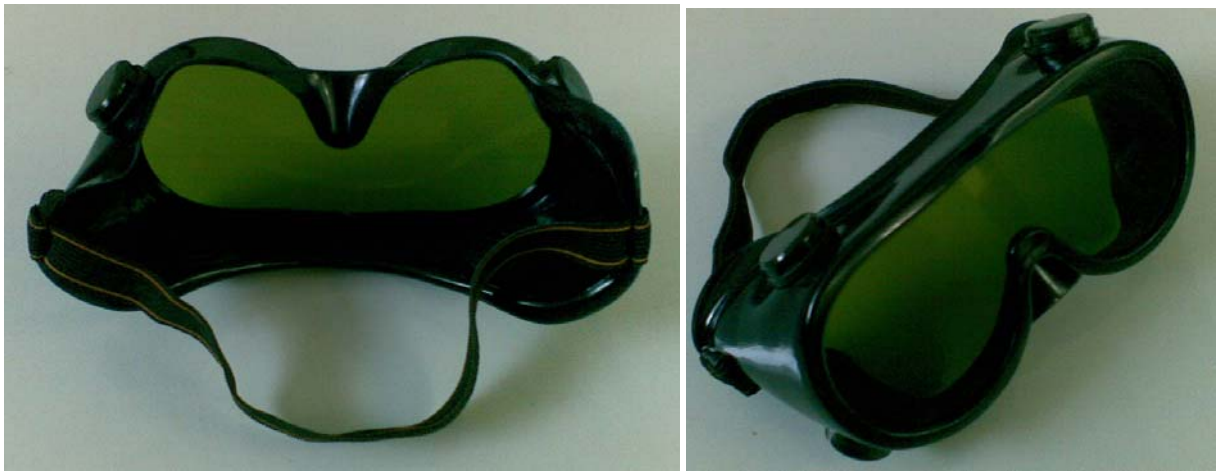
Model	Wavelength range(nm)	Laser	Wavelength (nm)	OD	V.L.T. (%)
ST-SD1	200-540	SHG Nd:YAG	532	≥4	50
		Ar^+	514	≥4	
ST-SD2	600-700	He-Ne	633	≥4	30
ST-SD3	800-1100	Nd:YAG	1064	≥4	40
ST-SD4	200-540 800-1100	Ar^+	514	≥4	40
		SHG Nd:YAG	532		
		Diode	808, 810		
			904, 980		
		Nd:YAG	1064		
ST-SD5	10600	CO_2	10600	≥4	98
ST-SD6	650-720	Ruby	694	≥4	30
ST-SD7	200-450	He-Cd	441	≥4	50
		Ar^+	488		
		FHG Nd:YAG	266		
ST-SD8	800-1600	Diode	1510	≥4	40
			1530		
			1610		
ST-SD9	1000-1600	Glass	1540	≥4	40

V.L.T. means visible light transmission percentage.

ST-SD-3 Nd:YAG 1064nm Laser Safety Goggles

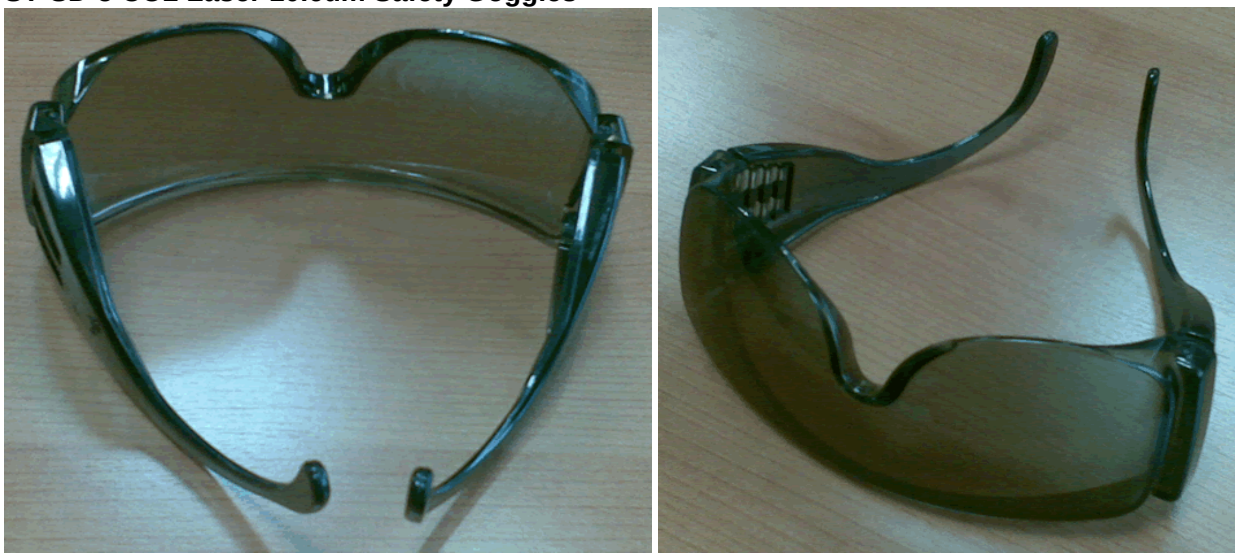


Type I



Type II

ST-SD-5 CO2 Laser 10.6um Safety Goggles



Laser Safety Goggles (STNR Series)

STNR laser safety goggles have found applications in nearly every discipline that employs coherent or non-coherent light, including enhancement of fluorescence of bodily fluids and latent fingerprints for forensics; enhancement of chemiluminesence and fluorescence in medical, biological and even marine biological applications; dye enhancement in leak detection, patient protection in post-treatment pharmaceutical applications, UV protection in dental and industrial bonding/curing/whitening applications and more. Our standard goggles are listed below. Other wavelengths and styles available on request.

Model	Wavelength range(nm)	Wavelength (nm)	OD	V.L.T. (%)	* Frame style	Filter
STNR-ARG	190-532	190-532	7+	48	34	
STNR-D14	625-850 633	190-400nm 633 /622-835nm 625-850nm	5+ 5+ 4+	11	38	
STNR-DBY	190-534 960-1064	190-534 960-1064 850-1070	7+ 7+ 5+	35	36	
STNR-EC2	10600	190-398 10600	7+ 5+	92.9	36	
STNR-YG3	1064	190-400 1064 950-1074 840-950	5+ 7+ 7+ 5+	59	36	
STNR-KTP	190-435 532-535 532	190-435 nm 532-535 nm 532 nm	5+ 5+ 6+	34	33	
STNR-ERB	190-398 nm 2940nm 2780nm 10,600nm	190-398 nm 2940nm 2780nm 10,600nm	5+ 6+ 5+ 5+	93%	any	Clear

* most popular frame styles.

Frame Style Options


Style#700


Style#60


Style#32


Style#33


Style#34


Style#35


Style#36


Style#38

Specifications of Acrylic Filters

Model	Wavelength	OD	%VLT	Color	Thickness	Dimension
ECW125	200-360nm	5+	84%	Clear	0.125"	up to 24"x36" 61 x 91cm
	10600nm	5+				
ARW140	190-375nm	5+	41%	Orange	0.14"	up to 24"36" 61 x 91cm
	376-532nm	4+				
DOW125	730-855nm	5+	30%	Rose	0.125"	up to 24"x24" 61 x 61cm
	750-840nm	7+				
	10600nm	5+				
YGW125	190-360nm	5+	65%	Green	0.125"	up to 24"x36" 61 x 61cm
	800-1080nm	3+				
	860-1070nm	4+				
	1064nm	6+				
YGW250	190-360nm	5+	65%	Green	0.25"	up to 24"x36" 61 x 91cm
	800-1080nm	3+				
	860-1070	4+				
	1064nm	6+				
YDW150	190-375nm	5+	44%	Amber	0.125"	up to 24"x36" 61 x 91cm
	760-1070nm	5+				
	1064nm	5+				
DBW125	190-532nm	5+	25%	Amber	0.125"	up to 24"x36" 61 x 91cm
	532nm	6+				
	850-879nm	4+				
	880-1070nm	5+				
IRW140	830-1700nm	5+	35%	Green	0.140"	up to 24"x36' 61 x 91cm
	10600nm	5+				

Specifications of Glass Filters

KGW235	900-950nm	4+	70%	Clear	0.235"	100x200 mm
	950-1,000nm	5+				
	1,000-1,600nm	6+				
	1,600-2,400nm	4+				
	2,400-3,800nm	3+				
	3,800-4,000nm	4+				
	4,000-5,200nm	5+				
	10,600nm	5+				