

250nm-280nm UV light laser-2mW

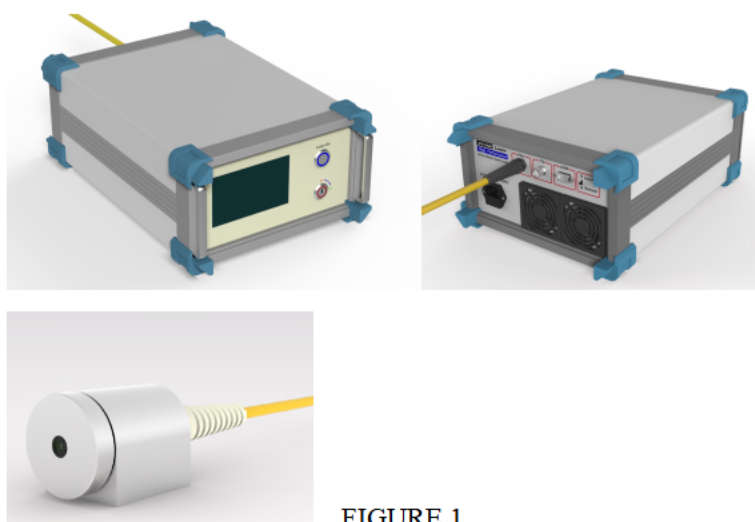


FIGURE 1

The 250nm ultraviolet light source adopts imported ultraviolet LED, which has the characteristics of high brightness, high modulation frequency, and pure spectrum. It is suitable for scientific research, ultraviolet light communication, medicine, food hygiene and other fields.

The light source is controlled by a touch screen, which can easily set parameters such as output power, frequency, and duty cycle. At the same time, for the convenience of use, the light source also provides an external control interface. Customers can use the TTL modulation port to synchronize the light-on and off-time of the laser with the external control signal. A key switch on the front panel ensures that only authorized personnel can access the light source.

In addition, for different applications, we can provide customized services such as divergence angle and control method. For details, please contact our engineers.

Specifications	
Model	BDT-250-280-MW2
Optical parameters	
Wavelength	250nm, 255nm, 260nm, 275nm, 280nm(可选 optional)
Wavelength deviation	+/-5nm
Output Power	0~2mW
Power stability	3%
Divergence angle	Other divergence angles can be customized
Light spot	~2mm



Wire length	2.0m
Electrical parameters	
Power display	percentage
Setting accuracy	0.1%
Adjustment range	~0 % to 100%
Supply voltage	230 VAC 50 - 60 Hz (115 VAC optional)
TTL modulation	High level = laser on, low level = laser off; floating = high level Maximum modulation frequency 20Khz
Cooling method	Air cooling
Working environment	
Size (mm)	See "Dimensional Drawing of Power Supply" and "Dimensional Drawing of Light Source Output Head"
Operating temperature	0 to 40 °C(Higher or lower operating temperature can be customized)
Storage temperature	-20 to 80 °C
Life expectancy	10000 Hour
Warranty	1 Year

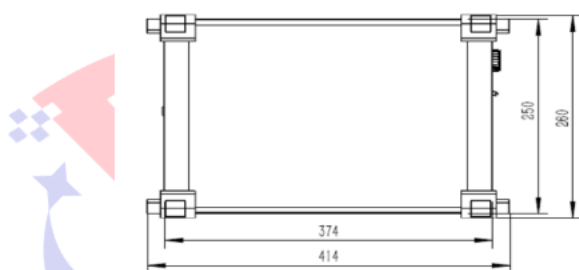


FIGURE 2 Power Outline Dimensions

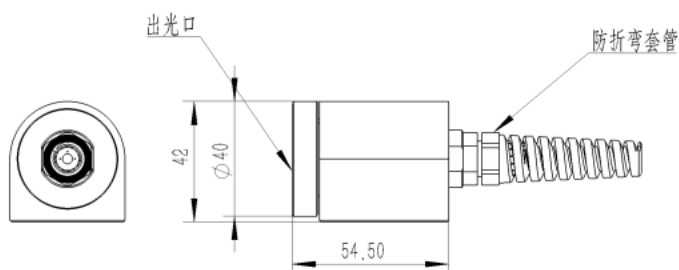


FIGURE 3 Dimension drawing of light source output head