

BPS120 Fiber Coupled 20 W Vis/NIR (Tungsten) Light Source



The BPS120 series is a fiber coupled constant current operated 20 W tungsten light source. By use of high precision operation current control and a gas filled bulb the BPS120 demonstrates a stable output of light. A remote control port is provided for versatile remote on/off modulation, operating current monitoring, and external operating current control. Slow ramp start is built into the source to ensure stable and long lifetime operations. With flexible fiber delivering the BPS120 is ideal for use with fiber coupled array spectrometers in spectroscopic applications from visible to near IR.

Highlights

- *Fiber Coupled*
- *Constant Current Operation*
- *Compact in Size*
- *390 - 2900 nm*

Specifications

Light bulb:	Gas filled tungsten
Rated power:	20 W
Typical lifetime:	> 5,000 hours at rated conditions
Light coupling:	SMA 905
Power supply input:	100 - 240 V AC
Power supply output:	12 V DC @ 2.5 A
Remote port:	4 pin RJ11 connector
Control functions:	Modulation and remote on/off controls Operating current monitoring
Modulation input:	DC 0 - 1.25 V up to 1 KHz
Remote on/off control:	TTL, up to 1 KHz
Current monitoring:	0 - 1 V corresponding to 0 - 1 A operating current
Dimensions:	3.5x3.5x2 inches
Weight:	0.5 Lbs.