OEM Compact Spectrograph CP-30

Description:

Designed for OEM applications, the OEM compact spectrograph CP30 is designed around an aberration-corrected type IV concave holographic grating with a 30 mm focal length and a f/1.7 aperture. It will fit into a small, hand-held, portable instrument, or can take the place of larger spectrographs when space is at a premium.

Advantages:

- Compact.
- Robust.
- Reliable.
- Low cost.
- OEM Product.

The CP30 can be equipped with Hamamatsu CMOS linear arrays ref: S8377 or S8378. This detector can be driven with high-performance electronics which provide a high dynamic range (up to 16 bits ADC with PGA), an internal flash RAM to store and treat a large quantity of spectrum, as well as triggers and different interface such as RS232, RS485, USB, Parallel (8 bits) SPI etc...

The optical input is a SMA connector or a ferrule with an integrated slit. Different models of slits are offered depending on the resolution requested by the customer. The basic model is supplied with a slit of 100 µm width and 0.5 mm height.

The CP30 is sold specifically for quantity purchases and we can offer high volume customers custom modifications.

HORIBA JOBIN YVON
Explore the future
We are pleased to work with you to find a suitable solution to your requirements.