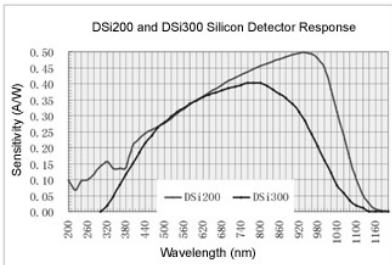


Detectors - DSI300

Silicon Detector

The DSI300 detector is a silicon photodiode, covering the spectral range from approximately 300nm to 1100nm. They are housed in compact, rugged housing and can be directly mounted on Omni-lambda series monochromators.



SPECIFICATIONS

Type Silicon photodiode detector

active area 100mm²

The wavelength range /nm 300 - 1100 nm

The peak wavelength (nm) 800±20 nm

Peak wavelength responsivity greater than 0.4 A/W

254nm responsivity (A/W) Not applicable

Response time

Operating Temperature Range

Storage Temperature Range

Distributary Resistance, Rsh

Noise Equivalent Power, NEP

Dark current 1×10⁻⁸ to 5×10⁻¹¹ A

Capacity less than 3000 pf

Distribution in the UK

Lambda
 photometrics

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