

Scientific Stimulus Package

ECONIC



**Stimulus Package for
Academic Institutions.**

*Limited
Time
Offer*

BWTEK  **INC.**



Features:

- UV - Vis Range (200 - 1100nm)
- Spectral Resolution 0.5 - 20nm
- Low UV Stray Light
- 16-bit Digitizer
- 500kHz Readout Speed
- Plug-and-play USB 2.0 Interface
- 1 - 65,535ms Integration Time



ECONIC™ is a low cost, high performance, Non-cooled Linear CCD array spectrometer solution.

General Specifications

Power Input	USB at < 350mA
CCD Array Detector	Response enhanced 2000 element linear silicon CCD array
CCD Detector Pixel Format	2000 x 1 elements @ 14µm x 200µm per element
Spectrograph F#	3.2
Effective (Active) Pixels	> 1,950 pixels
Spectrograph Optical Layout	Czerny-Turner
Slit Width	Default: 25 µm, Custom options: 10, 50, 75, 100 , 200 µm and others
CCD Detector Dynamic Range	275 Typical
Digitizer Resolution	16-bit or 65,535:1
Readout Speed	500kHz
Data Transfer Speed	Up to 180 spectra per second via USB 2.0
External Trigger	Aux Port
Integration Time	1 - 65,535ms
Data Transfer Speed	~ 50 - 100 spectra per second
Operating Temperature	15°C to 35°C
Weight	~0.23 kg (~0.5 lbs)
Dimension	9.7cm x 6.7cm x 3.4cm (3.82in x 2.64in x 1.34in)
Computer Interface	USB 2.0 / 1.1
Windows Operating Systems	Windows XP, Vista

Distribution in the UK

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Lambda Photometrics Ltd, Lambda House, Batford Mill, Harpenden, Hertfordshire AL5 5BZ

E: info@lambdaphoto.co.uk **W:** www.lambdaphoto.co.uk **T:** +44 (0)1582 764334 **F:** +44 (0)1582 712084

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