



ARTICLE

02 January 2013

Guidelines for Choosing a StellarNet Spectrometer

1. What wavelength range are you interested in?

Are you measuring the colour of an LED, need to see the UV cut-off in filters, or the NIR absorption spectra of compounds? 190-2300nm wavelength range options are available.

2. What's your sample type and what accessories will you need?

Do you need an integrating sphere for light measurements, a cuvette holder for liquid absorption measurements, or a Raman probe for powders?

3. What are the resolution requirements?

Are you monitoring a laser or need to resolve narrow spectral lines, such as in LIBS elemental analysis? Need to measure the transmission of colour filters with wide bandwidth or the fluorescent emission of a broadband fluorophore?

4. What do you need the software to do?

Will you require software for colour analysis such as CIEAB, xy chromaticity, or CCT? Do you need luminance values in Cd/m^2 , spectral irradiance in W/m^2 , or Lumen output? How about software for time series kinetics, concentration calculations, thin film thickness measurements, or even multivariate chemometrics and full application development? StellarNet also offer a complete SDK to write your own programs.

5. What's your budget?

StellarNet spectrometers are competitively priced with Green-Wave being the most affordable range.

Warsash Scientific offer low cost, miniature fibre optic spectrometers and accessories for industrial and academic applications. **StellarNet** is one of the world's leading producers of ruggedised spectrometers for wavelength ranges of 190-2300nm and attributes its success to the extreme engineering of its internal optical benches, gratings, extruded electronics and detectors, and airflow optimised aluminium enclosures making them suitable for just about any field or lab application.

For more information, visit our website www.warsash.com.au/suppliers/stellarnet.php or contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.

