



**PRESS RELEASE**

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**Spectral Reflectance & Transmittance Measurement**

aRTie from **Filmetrics** represents a breakthrough in spectral reflectometer affordability and ease-of-use. Time consuming reference readings and minutes-long lamp warm-ups are a thing of the past. Simply plug aRTie into your computer's USB port and you're ready to go. aRTie's 40,000-hour light source and on-board spectroscopic calibration mean that maintenance is nil and measurement confidence is high.

**KEY BENEFITS**

- Reference and background steps are not required
- Powered through USB cable - no other connections or set up required
- Start the software and in 10 seconds aRTie is ready to go
- 40,000-hour light source
- Automatic on-board wavelength calibration
- Measures spectral R, T, R+T, A(=1-R-T), and color of flat specular samples
- Film thickness and refractive index analysis optional
- 380-1050nm wavelength range
- UV and NIR versions coming soon

Use aRTie to measure Reflectance (R), Transmittance (T), R+T, Absorption (=1-R-T), and colour of flat specular samples. Standard analysis tools include plotting of multiple spectra and monitoring of intensity levels, minima/maxima locations, colour, and comparisons to target ("golden") spectra, all of which can be used to generate unambiguous good/bad readings based on alarm constraints. The complete Filmetrics line of film thickness and refractive index analysis tools are available as options

For more data sheets, pricing and more information on aRTie, contact Warsash Scientific on +61 2 9319 0122 or [sales@warsash.com.au](mailto:sales@warsash.com.au).

