

Van: Ocean Optics Marketing  
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Aan: Ocean Optics Marketing  
Onderwerp: Raman Spectroscopy Special

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## Raman Spectroscopy Special

### Low Resolution Raman Spectroscopy

#### Raman Spectroscopy Measurement of Pharmaceutical Active Ingredients and Excipients

Low Resolution Raman Spectroscopy (LRRS) is a very useful technique for non-destructive chemical analysis and has gained increased attention and acceptance in the analytical laboratory as an affordable, robust and convenient alternative to cumbersome wet chemical analysis or expensive FT-Raman and FT-IR spectrometers... [read more](#)

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### Raman Spectrakit

#### Your plug-and-play solution

Ocean Optics spectra-kits are carefully designed to provide a plug-and-play solution for specific applications by selecting and placing all the necessary equipment, accessories, software, documentation and training materials in one convenient case.

By following the instructions and video materials the user will be rapidly acquainted with the system and software and will be able to start developing their own methods to analyze their samples.

These kits support Ocean Optics' original vision to provide working solutions to scientific problems by using moderate-cost photonic instrumentation that is small, modular and easy to use.



Qualitative and quantitative analysis of solutions, powders, gels and surface media with the [Raman Spectroscopy Spectra-kit](#), a modular system comprising a robust laser, high-sensitivity spectrometer and rugged sampling probe. The included experimental examples and instructional materials are especially useful for spectroscopists unfamiliar with Raman spectroscopy.

For more information, please send an email to [info@oceanoptics.eu](mailto:info@oceanoptics.eu)

## Fully Integrated R-3000 Raman Systems

For real time qualitative and quantitative spectral analysis

R-3000 is a fully integrated Raman analyzer for real-time qualitative and quantitative spectral analysis of aqueous solutions, powders, tablets, gels and surface media from  $\sim 200$ - $2700$   $\text{cm}^{-1}$ . The Raman R-3000 can be used for applications such as pharmaceutical monitoring and quality control, chemical and petrochemical process and quality control, drug and explosives detection, and water-quality analysis.



For more information about the Raman R-3000 systems visit our website at [www.oceanoptics.com](http://www.oceanoptics.com)

## Handheld Raman System

A fully integrated system that's just 12" x 6"

The Handheld Raman Spectrometer is a fully integrated system that's just 12" x 6", making it ideal for on-site materials analysis. Although a high-resolution Raman spectrum gives detailed information about the vibrational fine structure of sample molecules, most routine applications need only  $\sim 15$   $\text{cm}^{-1}$  resolution -- what is considered in the range of low-resolution Raman spectroscopy -- for quantitative or qualitative analysis. As a result, a system such as the Handheld Raman System can be assembled using less expensive optics and lasers -- without sacrificing the power of Raman analysis.



For more information on the handheld Raman System visit our website via [www.oceanoptics.com](http://www.oceanoptics.com)

## ICORS 2008 Conference

International Conference on Raman Spectroscopy

Visit us at the XXIst International Conference on Raman Spectroscopy will be held from 17th to 22nd August 2008 at Brunel University, West London, United Kingdom. The scientific programme will include a wide variety of topics on Raman Spectroscopy, and the conference offers an outstanding and unique opportunity for exchanging knowledge on leading edge developments.

You can find Ocean Optics at stand 26 where we will have a working Modular Low Resolution Raman System available, so please do not hesitate to bring your sample.

For more information visit the [ICORS website](#) or contact us via [info@oceanoptics.eu](mailto:info@oceanoptics.eu)

## FREE Maxwell-shirt with every Raman Order

Valid until the end of August 2008

If you purchase a R3000 Raman System, a QE-Raman Spectrometer or a Raman SpectraKit, Ocean Optics will give you a FREE Maxwell T-shirt, so please mention your size when placing the order.

For more information contact our sales team via [info@oceanoptics.eu](mailto:info@oceanoptics.eu).



## Distributors

### Quick Overview of all distributors

Ocean Optics Europe has its sales offices in the Netherlands, Germany, UK, France and Austria. Besides our local sales teams, we also have a large group of local distributors throughout Europe. So if you prefer to discuss your needs with a local representative, please find our distributors list on our [website >>>](#)



#### **Regional Headquarters**

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#### **Sales & Support Centre**

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The Netherlands  
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F: +31 26 3190505

#### **Local Sales Support**

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Germany North: + 49 513 697 467 05  
Germany South: + 49 711 341 696 0  
France: + 33 148 576 136  
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**Ocean Optics Europe**

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