



Discover New Features in LabSpec 6 from HORIBA!

We are delighted to let you know about the latest features of LabSpec 6 by HORIBA.

At HORIBA, we are committed to consistently updating our software versions, enhancing existing functionalities, and introducing new ones to meet evolving needs.

To update your current version of LabSpec, please reach out to our service team. They will guide you through the process and ensure you have access to the latest enhancements and capabilities.

[I would like to update my LabSpec 6 version](#)

ParticleFinder: Measure, Identify and Classify Particles



ParticleFinder provides an integrated and customizable workflow for **particle analysis**. It automatically detects particles, even on complex and patterned supports, analyzes them for size and shape descriptors, performs chemical characterization using Raman microscopy, and identifies them with a Hit Quality Index (HQI). Offering fully automated multi-sample analysis, ParticleFinder generates comprehensive reports based on customizable templates, ensuring routine-ready micro-particle analysis.

Main updates for ParticleFinder v4.0 which streamlines routine operations.

- Revamped report template editor for automated report generation.
- The automation process now covers multi-sample acquisition, particle detection, spectral identification (with IDFinder), statistics, and report generation.
- Advanced functionalities include volume & mass distribution, color classification, new random modes for quicker sample characterization, and more.

[Download the brochure of ParticleFinder](#)

IDFinder, The HORIBA Solution for spectral identification



IDFinder enables the effortless creation and management of libraries, and identification of components from their Raman spectra in less than 100 milliseconds per spectrum. All LabSpec 6 Apps can now benefit from this user-friendly tool for identification of unknown materials. Experience the freedom of a permanent license and ensure continuous access to your custom libraries for all your applications.

IDFinder is the perfect companion to ParticleFinder, offering seamless integration, super-fast particle-by-particle identification with HQI, and integrated library management.

[Download the flyer of IDFinder](#)

QCarbon, a new app for D/G analysis of carbon materials

QCarbon app from LabSpec 6 facilitates Raman analysis for carbon materials, especially with its ability to automatically process Raman spectral data and provide the ID/IG ratio. It is valuable for industrial, research and quality control testing applications of carbon materials.

[View the QCarbon video](#)



Explore New Resources to Deepen Your Raman Knowledge!

We're thrilled to announce the launch of new FAQ web pages dedicated to specific focal points. These pages serve as comprehensive hubs, bringing together a diverse array of resources including application notes, webinars, and videos. Here are a few samples of information you can find on our FAQ pages:

- [Can you make in-situ analysis with Raman spectroscopy?](#)
- [Is sample preparation needed to perform Raman analysis of glass defects?](#)
- [How do you perform good calibration on a Raman system?](#)
- [Can Raman measure thickness of thin films on transparent substrates?](#)
- [Can you perform particle characterization using Raman microscopy?](#)

Mark your calendars for our upcoming webinar!

Plasmonic and Raman: SERS and TERS

Raman spectroscopy is a good technique for chemical and physical characterization of materials, but suffers from a few limitations like a lack of sensitivity, or its micron scale resolution. Since the 1970s, the coupling of the plasmonic effect with Raman is more frequently being used to overcome these limits. This phenomena association results in two enhanced Raman spectroscopies called SERS and TERS, respectively associated to Surface and Tip origins.

During this webinar, we will present how the coupling of plasmonic and Raman effects results to with SERS and TERS and details some applications.

Date: May 21

Time: 3PM CEST, 2PM BST, 6AM PDT, 9AM EDT

[Register here](#)

And don't forget for any LabSpec 6 apps: Test for free

Get a **30-day license** of any App available in the labstore. Take advantage of this opportunity, which is available to any user of a HORIBA Raman microscope.

[I would like to test for free some Apps](#)

Stay connected!



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