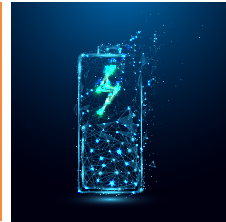
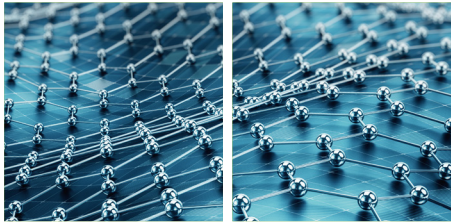




## QCarbon One-click Analysis & Report

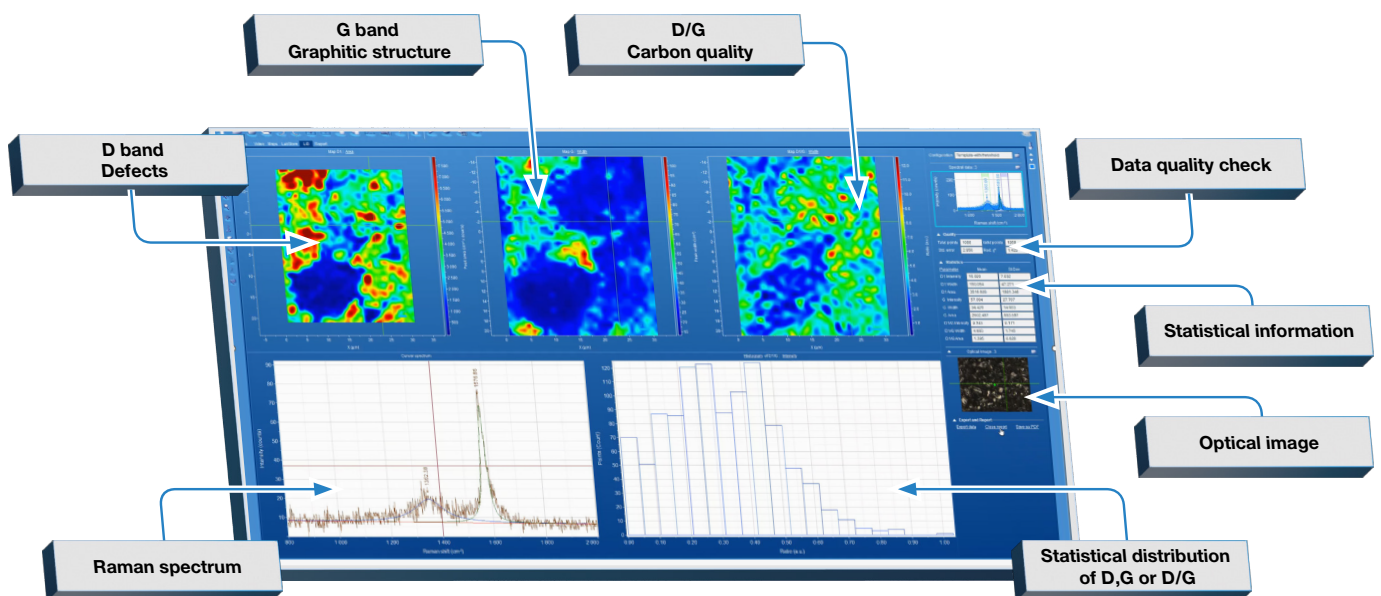


Raman spectroscopy is a powerful tool for characterizing carbon materials. It helps in analyzing the structural properties and composition of various carbon forms.

The D and G peaks are significant in Raman spectroscopy for carbon materials. The D peak signifies structural defects, while the G peak corresponds to the graphitic structure. The ID/IG ratio often indicates the degree of disorder or defects in the carbon structure.

For industrial, research  
and quality control testing  
applications of carbon materials.

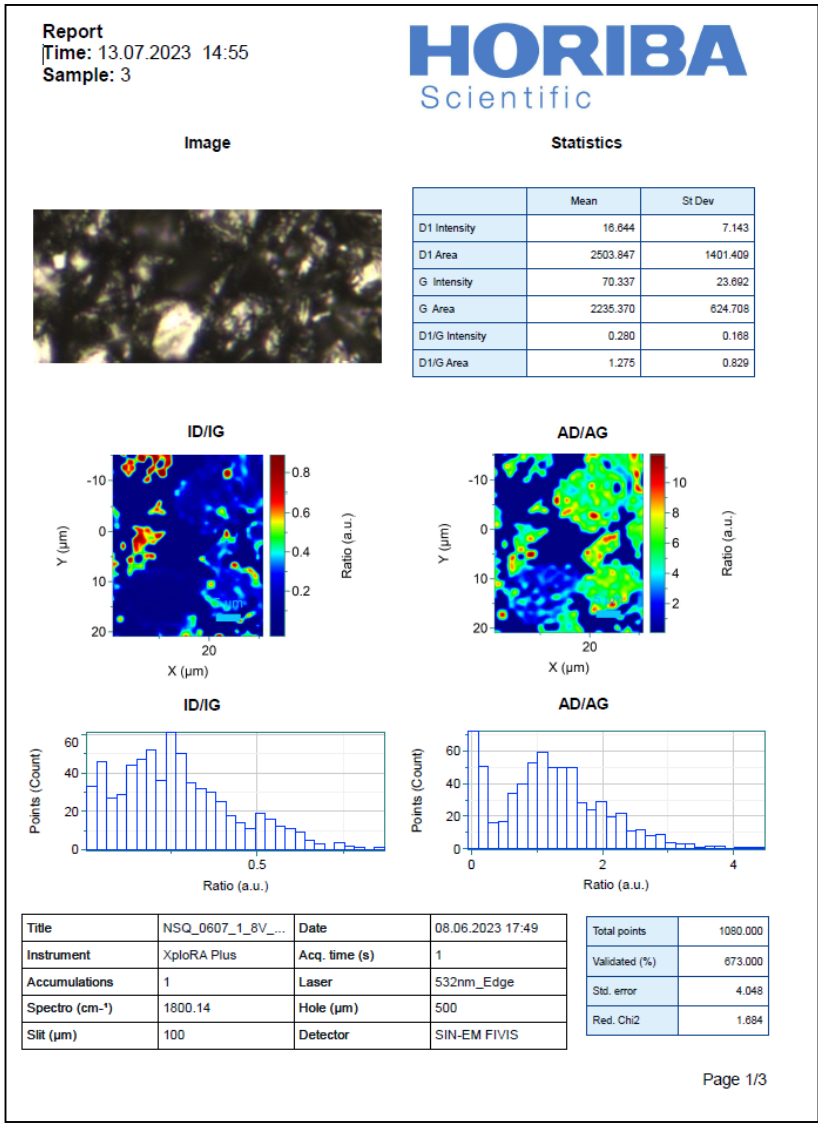
QCarbon app from LabSpec 6 facilitates Raman analysis for **carbon materials**, especially with its ability to automatically process Raman spectral data and giving the ID/IG ratio.



The exportation of statistics and fitting results in a report is also helpful for researchers and industry professionals, allowing for easy interpretation and sharing of the obtained data.

This application software associated with HORIBA Raman microscopes can be valuable in scientific research and industrial applications. **Analyzing the structure, graphitization, impurity defects, coating uniformity, and other indicators through Raman spectroscopy can provide crucial insights into the quality and characteristics of different carbon materials.**

- "One-click" data processing, no more complicated operations
- "At-a-glance" analysis and statistics, panoramic data display
- "Customized" report export, suitable for quality control process



**HORIBA**

[info.sci@horiba.com](mailto:info.sci@horiba.com)

**USA:** +1 732 494 8660  
**UK:** +44 (0)1604 542 500  
**China:** +86 (0)21 6289 6060  
**Taiwan:** +886 3 5600606

**France:** +33 (0)1 69 74 72 00  
**Italy:** +39 06 51 59 22 1  
**India:** +91 (80) 4127 3637  
**Brazil:** +55 (0)11 2923 5400

[www.horiba.com/scientific](http://www.horiba.com/scientific)

**Germany:** +49 (0) 6251 8475 0  
**Japan:** +81(75)313-8121  
**Singapore:** +65 (6) 745-8300  
**Other:** +33 (0)1 69 74 72 00