

Renishaw inVia Raman Microscope

Overview

The new inVia Qontor is Renishaw's most advanced Raman microscope. With the addition of Renishaw's latest innovation, LiveTrack™ focus tracking technology, the inVia Qontor enables users to analyse samples with uneven, curved or rough surfaces. Optimum focus is maintained in real time during data collection and white light video viewing. This removes the need for time consuming manual focusing, pre-scanning or sample preparation.

The inVia Qontor Raman microscope's cutting-edge technology reduces overall experiment times and makes analysing even the most complex samples easy.

LMACS Name	Renishaw InVia Raman Microscope
Confluence Label	renishaw-invia-raman
Process Area	CHARACTERIZATION
Model	inVia Confocal Raman Microscope
Vendor	Prospect Scientific
Team	Peng Li Xuehai Tan Devin Fortier
Location	CMEB L2-132

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System Features

1.	3 different laser to choose from. 532nm (50 mW), 633 nm and 785 nm (15mW)
2.	3 different grating. 1200, 1800 and 2400.
3.	5x, 20x 50x LWD and 100x objective
4	2D mapping and 3D volume.
5	Live track (2D only)
6	Depth profiling
7	range (100-4000 cm-1) with current filter sets

Documents

Operating Procedure	
Hazard Assessment	

Related Documents

- Renishaw inVia Raman Microscope HA (Equipment)
 - [hazard-assessment](#)
 - [characterization](#)
 - [raman](#)
 - [renishaw-invia-raman](#)