

ORCA-101 Control Unit

The OndaVia Raman Controller Automation (ORCA) system enables on-line, semi-continuous chemical analysis using OndaVia's proprietary Raman-based methods. The control unit includes a Windows-based industrial computer with software for analyzing and reporting on chemical composition, and a Raman spectrometer with flow-cell interface for measuring the sample. This control unit can be connected to multiple fluidic handling units for multiplexed analysis.



Benefits

Actionable data: on-line testing at fixed time intervals

Easy-to-use: designed for automated, semi-continuous operation with minimal user interaction

Versatile: measure many different analytes with one system using a multiplexer

Specifications

Power: 24-V, 5-A

Physical: 18 lbs

Laser: 100-mW @ 785-nm

Spectrometer: 200- to 2000-cm⁻¹ with ~4-cm⁻¹ resolution

Software: Embedded 64-bit Windows®-based industrial PC

Ordering Information

Product

ORCA-101

Part Number

OV-PP-J012