



Complete Chromeleon CDS Connectivity

247 Instrument Controller

Zero maintenance instrument connectivity for Chromeleon CDS

The Thermo Scientific™ 247 Instrument Controller (247 IC) provides secure, reliable instrument connectivity for the Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS)

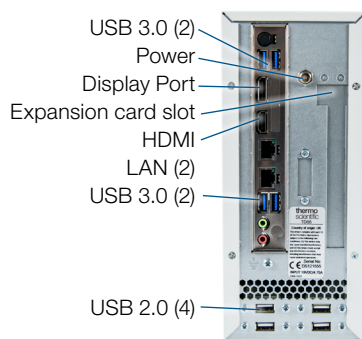
Connecting up to four instruments, the 247 IC is a small footprint, zero maintenance solution designed specifically for enterprise Chromeleon CDS systems. It can save 60% of benchspace and reduce your maintenance costs by 90% compared to standard instrument PCs. The completely locked down, ultra-secure operating system built on Microsoft® Windows® 10 Long Term Servicing Channel (LTSC) ensures the highest protection against security breaches, requiring zero IT maintenance* and offers a typical longevity of up to ten years.

Measuring just 100 × 220 × 230 mm, the 247 IC provides a comprehensive range of connectors to allow connection of up to four instruments from the >525 controlled by Chromeleon CDS while minimizing laboratory footprint.

* Does not require upgrades to the operating system or for virus protection



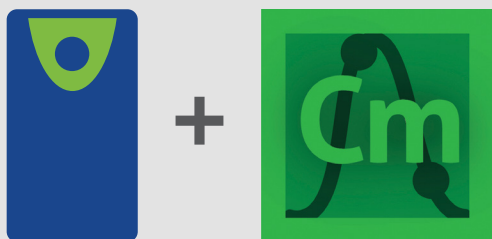
247 Instrument Controller



247 IC Connections

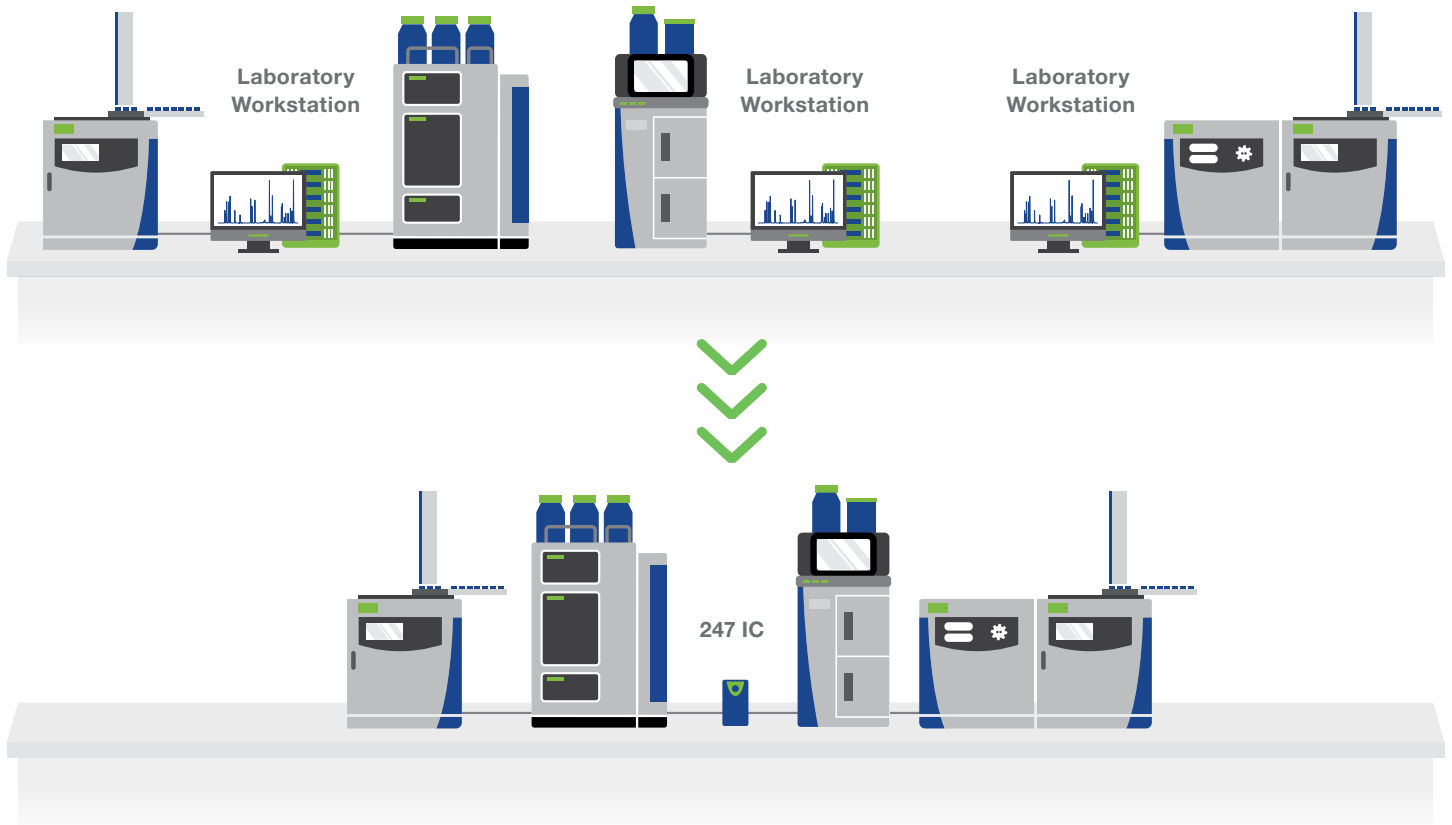


247 Instrument Controller with Chromeleon CDS brings...



...security >>>

- No interactive logon required
- UEFI Secure Boot and Virtualization Based Security (VBS)
- Malicious and unsigned software is blocked
- Removable media are blocked
- Not connected to Windows domain so invisible to malicious attacks



Remove PCs from the lab and save bench space with the 247 IC



...reliability >>>

- Solid state hard drive and off-board power to reduce moving parts
- No Windows updates or antivirus needed
- Network Failure Protection with uninterrupted data acquisition and secure data buffering
- Controlled, automated, centralized rollout of software



...footprint >>>

- 100 x 220 x 230 mm for minimal lab bench footprint
- Connect up to four instruments
- Full range of connectors for instrument communication



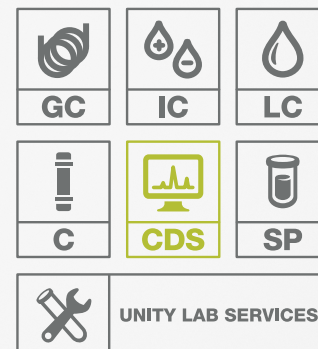
...connectivity

- Control all chromatography instruments
- Real-time instrument and run status monitoring
- Seamless integration into the Chromeleon Domain
- Supports cloud deployment of Chromeleon CDS

The collective power of chromatography

One CDS to do it all

From workstation to global deployment, Chromeleon CDS seamlessly scales to any business, from research through development to QC. Delivering proven productivity gains and straightforward compliance, Chromeleon software provides a unique unification of workflows for chromatography and mass spectrometry analysis. It's cloud-ready software that does it all, backed by a product team dedicated to keeping you one step ahead of the next regulatory or market change. With the largest portfolio of chromatography solutions, we remain a steadfast and committed partner in your endeavor to improve the world around us.



Join the Chromeleon CDS community to future proof your investment:
thermofisher.com/chromeleonsupport

Like Charlie Chromeleon on Facebook to follow his travels and get important updates on chromatography software!
facebook.com/CharlieLovesChromatography

Visit AppsLab Library for online access to applications for GC, IC, LC, MS and more. thermofisher.com/AppsLab

Learn more about the Chromeleon XTR Laboratory Management System:
thermofisher.com/ChromeleonXTR

Find out more at thermofisher.com/chromeleon