



# 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 >550 controlled by Chromeleon CDS while minimizing laboratory footprint.

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



247 Instrument Controller

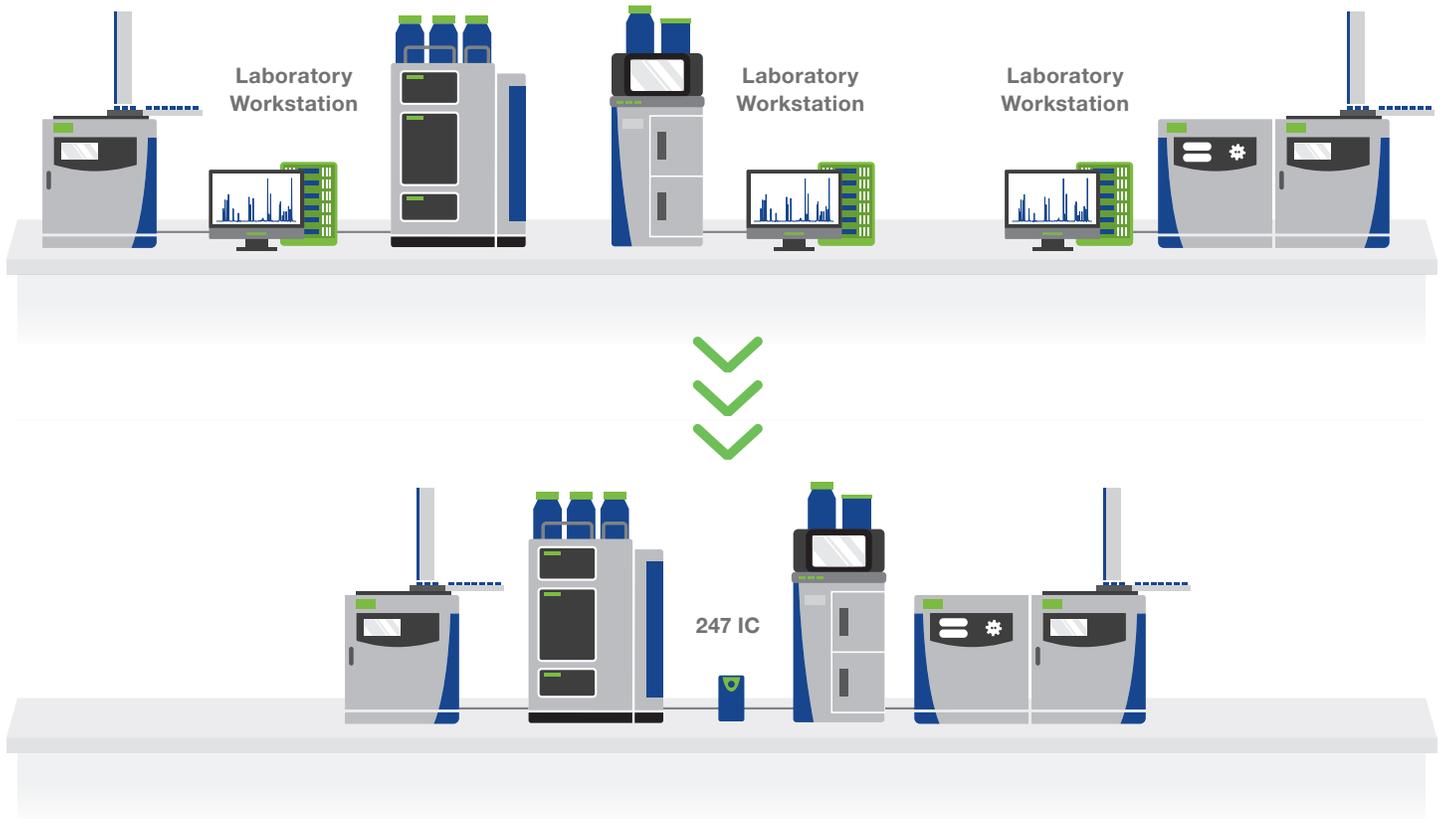


## 247 Instrument Controller with Chromeleon CDS brings...



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



### ...connectivity

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



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