

Thermo Scientific Dionex ICS-6000 HPIC System Letter of Equivalency

The Thermo Scientific™ Dionex™ ICS-6000 HPIC™ system was introduced in 2018 and is currently shipping. The Dionex ICS-6000 HPIC system is a direct replacement for the Thermo Scientific™ Dionex™ ICS-5000+ Hybrid HPIC™ system, which was the successor to the Thermo Scientific™ Dionex™ ICS-5000 system, Thermo Scientific™ Dionex™ ICS-3000 system, and Thermo Scientific™ Dionex™ ICS-2500 system.

Dionex ICS-6000 HPIC systems have the same fit, form, and function as Dionex ICS-5000+ systems. They have been designed and validated to directly address all the applications supported by the Dionex ICS-5000+ systems.

The Dionex ICS-6000 HPIC system design incorporates the following changes:

- Support for radio frequency identification (RFID) in the Detector Compartment (DC-6000) module with the inclusion of the optional consumables device monitor
- Support for Thermo Scientific™ Dionex™ DRS 600 Dynamically Regenerated Suppressor operation in dynamic or traditional modes in the DC-6000 module
- Support for eluent generation (EG)-Standby control in the EG-6000 module
- Support for a tablet-based user interface with Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software
- Support for automatically generated eluent gradients to simplify analysis of complex carbohydrates with Dual Eluent Generator Cartridge (Dual EGC) mode

The Dionex ICS-6000 HPIC system can use the same columns and Eluent Generator Cartridges (EGC) as the Dionex ICS-5000+ system, providing equivalent chromatographic performance. Note: the operating pressures for some legacy consumables are limited to 3000 psi. Refer to the consumable manual to determine appropriate operating conditions.

Please contact your Thermo Fisher Scientific representative for more information, or visit [thermofisher.com/ics6000](https://www.thermofisher.com/ics6000).