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List of Supported Instruments - SII for OpenLab 1.3

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1 Introduction

This document lists all the modules/instruments that are supported for use with SII for OpenLab. The following information is included:

- **System/Family:** Lists the name of the module's system or family.
- **Category:** Lists the separation methodology.
- **Type:** Shows the type of module (e.g. Pump, Diode Array Detector).
- **Model:** Provides the model number of the module.
- **Firmware:** Please Note that firmware versions included with this release can be obtained from the Chromeleon 7.3.2 List of Supported Instruments also delivered with this release.
- **Interface Type:** Describes the type of connection used between the module and the PC.

2 Thermo Scientific Chromatography Modules Supported Under SII for OpenLab 1.3

System/Family	Category	Type	Model	Interface Type
Dionex – Aquion	Ion Chromatography	IC System	Aquion	USB 1.1 & self-powered hub
Dionex – Aquion	Ion Chromatography	IC System	Aquion RFIC	USB 1.1 & self-powered hub
Dionex – Integrion	Ion Chromatography	IC System	Integrion HPIC System	USB 2.0 & self-powered hub
Dionex – Integrion	Ion Chromatography	IC System	Integrion HPIC Pump (Wellness)	USB 1.1 & self-powered hub
Dionex – Easion	Ion Chromatography	IC System	Easion	USB 1.1
Dionex - ICS-5000/5000+				
Dionex – ICS-5000/5000+	Ion Chromatography	Chromatography Compartment	DC Detector / Chromatography Compartment	USB 2.0, with bus-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	Pump	DP Dual Pump	USB 1.1, with bus-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	Pump	SP Single Pump	USB 1.1, with bus-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	Eluent Generator	EG Eluent Generator	USB 2.0, with self-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	Conductivity Detector	CD	USB 2.0, with self-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	Electrochemical Detector	ED	USB 2.0, with self-powered hub

System/Family	Category	Type	Model	Interface Type
Dionex – ICS-5000/5000+	Ion Chromatography	Variable Wavelength Detector	VWD	USB 1.1
Dionex – ICS-5000/5000+	Ion Chromatography	IC Well Plate Autosampler	AS-AP ^[1] ^[8]	USB 1.1, with self-powered hub
Dionex – ICS-5000/5000+	Ion Chromatography	IC Autosampler	AS-DV	USB 1.1
Dionex - ICS-6000				
Dionex – ICS-6000	Ion Chromatography	Chromatography Compartment	DC Detector / Chromatography Compartment	USB 2.0, with bus-powered hub
Dionex – ICS-6000	Ion Chromatography	Pump	DP Dual Pump	USB 1.1, with bus-powered hub
Dionex – ICS-6000	Ion Chromatography	Pump	SP Single Pump	USB 1.1, with bus-powered hub
Dionex – ICS-6000	Ion Chromatography	Eluent Generator	EG Eluent Generator	USB 2.0, with self-powered hub
Dionex – ICS-6000	Ion Chromatography	Conductivity Detector	CD	USB 2.0, with self-powered hub
Dionex – ICS-6000	Ion Chromatography	Electrochemical Detector	ED	USB 2.0, with self-powered hub
Dionex – ICS-6000	Ion Chromatography	Consumable Device Monitor	CDM	USB 2.0, with self-powered hub
Dionex – UltiMate 3000				

System/Family	Category	Type	Model	Interface Type
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pulled Loop WP Autosampler, Biocompatible	WPS-3000BPL ^[8] NANO, CAP	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pulled Loop WP Autosampler	WPS-3000PL ^[8] NANO, CAP	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Rapid Separation (Split Loop) WP Autosampler	WPS-3000RS ^[8]	USB 1.1
Dionex – UltiMate 3000	UHPLC	Analytical Split Loop WP Autosampler	WPS-3000SL ^[8] ANALYTICAL	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Micro Split Loop WP Autosampler, Thermostatted	WPS-3000SL ^[8] MICRO	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Semi-preparative Split Loop WP Autosampler	WPS-3000SL ^[8] SEMIPREP	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Pulled Loop WP Autosampler and Fraction Collector, Thermostatted, Biocompatible	WPS-3000TBFC ^{[1] [8]} ANALYTICAL	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pulled Loop WP Autosampler, Thermostatted, Biocompatible	WPS-3000TBPL ^[8] NANO, CAP	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Pulled Loop WP Autosampler, Thermostatted, Biocompatible	WPS-3000TBPL ^[8] ANALYTICAL	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Pulled Loop WP Autosampler and Fraction Collector, Thermostatted, Biocompatible	WPS-3000TFC ^{[1] [8]} ANALYTICAL	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pulled Loop WP Autosampler, Thermostatted	WPS-3000TPL ^[8]	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Rapid Separation (Split Loop) WP Autosampler, Thermostatted	WPS-3000TRS ^[8]	USB 1.1
Dionex – UltiMate 3000	UHPLC	Analytical Split Loop WP Autosampler, Thermostatted	WPS-3000TSL ^[8] ANALYTICAL	USB 1.1, with self-powered hub

System/Family	Category	Type	Model	Interface Type
Dionex – UltiMate 3000	UHPLC	Micro Split Loop WP Autosampler, Thermostatted	WPS-3000TSL ^[8] MICRO	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Semi-preparative Split Loop WP Autosampler, Thermostatted	WPS-3000TSL ^[8] SEMIPREP	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Split Loop WP Autosampler, Thermostatted, Biocompatible	WPS-3000TBSL ^[8] ANALYTICAL	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	1250 bar Rapid Separation (Split Loop) WP Autosampler, Thermostatted	WPS-3000TXRS	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Autosampler Column Compartment	ACC-3000 ^[8]	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Autosampler (Thermostatted) Column Compartment	ACC-3000T ^[8]	USB 1.1, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Dual Nano/Cap/Micro Pump, ternary Biocompatible	DGP-3600BM	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Dual Rapid Separation Pump, ternary	DGP-3600RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Dual Nano/Cap/Micro Pump, ternary Biocompatible, extended pressure range	DGP-3600BM	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Dual Analytical Pump, ternary	DGP-3600SD	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Semi-prep Pump, Binary, Biocompatible	HPG-3200BX	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Rapid Separation Pump, binary	HPG-3200RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Pump, binary	HPG-3200SD	USB 2.0, with self-powered hub

System/Family	Category	Type	Model	Interface Type
Dionex – UltiMate 3000	UHPLC	Rapid Separation Pump, quaternary	HPG-3400RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Pump, quaternary	HPG-3400SD	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pump, quaternary Biocompatible	LPG-3400BM	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Nano/Cap/Micro Pump, quaternary Biocompatible, extended pressure range	LPG-3400BM	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Rapid Separation Pump, quaternary	LPG-3400RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Pump quaternary	LPG-3400SD	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	1250 bar Rapid Separation Analytical Pump, quaternary	LPG-3400XRS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Analytical Pump, isocratic	ISO-3100SD	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Micro Pump, Isocratic, Biocompatible	ISO-3100BM	USB 2.0 with self-powered hub
Dionex – UltiMate 3000	Nano LC	Nano/Cap Pump, Binary	NCP-3200RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	Nano LC	Nano Pump, Cap Loading Pump, Column Oven	NCS-3500RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	Nano LC	Nano Pump, Cap Loading Pump, Column Oven, extended pressure range for loading pump	NCS-3500RS	USB 2.0, with self-powered hub
Dionex – UltiMate 3000	UHPLC	Column Oven / Thermostat	TCC-3000RS	USB 1.1

System/Family	Category	Type	Model	Interface Type
Dionex – UltiMate 3000	UHPLC	Column Oven / Thermostat	TCC-3000SD	USB 1.1
Dionex – UltiMate 3000	UHPLC	Diode Array Detector	DAD-3000 ^[4]	USB 2.0 & self-powered hub
Dionex – UltiMate 3000	UHPLC	Diode Array Detector	DAD-3000RS ^[4]	USB 2.0 & self-powered hub
Dionex – UltiMate 3000	UHPLC	Multiple Wavelength Detector	MWD-3000	USB 2.0 & self-powered hub
Dionex – UltiMate 3000	UHPLC	Multiple Wavelength Detector	MWD-3000RS	USB 2.0 & self-powered hub
Dionex – UltiMate 3000	UHPLC	Variable Wavelength Detector	VWD-3100 ^[3]	USB 1.1
Dionex – UltiMate 3000	UHPLC	Variable Wavelength Detector	VWD-3400RS ^[3]	USB 1.1
Dionex – UltiMate 3000	UHPLC	Fluorescence Detector	FLD-3100 ^{[2] [3]}	USB 2.0
Dionex – UltiMate 3000	UHPLC	Fluorescence Detector	FLD-3400RS ^{[2] [3]}	USB 2.0
Dionex – UltiMate 3000	UHPLC	Charged Aerosol Detector	Corona Veo SD ^{[5] [6]}	USB
Dionex – UltiMate 3000	UHPLC	Charged Aerosol Detector	Corona Veo RS ^{[5] [6]}	USB
Dionex – UltiMate 3000	UHPLC	pH and Conductivity Monitor	PCM-3000	Internal

System/Family	Category	Type	Model	Interface Type
Thermo Scientific – Vanquish				
Thermo Scientific - Vanquish	UHPLC	Split Sampler HT	VH-A10-A ^[10]	USB
Thermo Scientific - Vanquish	UHPLC	Split Sampler FT	VF-A10-A ^[10]	USB
Thermo Scientific - Vanquish	UHPLC	Dual Split Sampler HT	VH-A40-A	USB 2.0
Thermo Scientific - Vanquish	UHPLC	Dual Split Sampler FT	VF-A40-A	USB 2.0
Thermo Scientific - Vanquish	HPLC	Split Sampler CT	VC-A12-A	USB
Thermo Scientific - Vanquish	HPLC	Split Sampler C	VC-A13-A	USB
Thermo Scientific - Vanquish	UHPLC	Binary Pump H	VH-P10-A ^[10]	USB
Thermo Scientific - Vanquish	UHPLC	Quaternary Pump F	VF-P20-A	USB
Thermo Scientific - Vanquish	UHPLC	Binary Pump F	VF-P10-A ^[10]	USB
Thermo Scientific - Vanquish	UHPLC	Dual Pump F	VF-P32-A ^[10]	USB
Thermo Scientific - Vanquish	HPLC	Binary Pump C	VC-P10-A	USB
Thermo Scientific - Vanquish	HPLC	Quaternary Pump C	VC-P20-A	USB

System/Family	Category	Type	Model	Interface Type
Thermo Scientific - Vanquish	HPLC	Quaternary Pump CN	VC-P21-A	USB
Thermo Scientific - Vanquish	HPLC	Dual Pump C	VC-P32-A	USB
Thermo Scientific - Vanquish	HPLC	Dual Pump CN	VC-P33-A	USB
Thermo Scientific - Vanquish	HPLC	Isocratic Pump C	VC-P40-A	USB
Thermo Scientific - Vanquish	UHPLC	Column Compartment	VH-C10-A ^[10]	USB
Thermo Scientific - Vanquish	HPLC	Column Compartment	VC-C10-A	USB
Thermo Scientific - Vanquish	UHPLC	Charged Aerosol Detector F	VF-D20-A ^[7]	USB
Thermo Scientific - Vanquish	UHPLC	Charged Aerosol Detector H	VH-D20-A ^[7]	USB
Thermo Scientific - Vanquish	UHPLC	Diode Array Detector HL	VH-D10-A ^[4]	USB
Thermo Scientific - Vanquish	UHPLC	Diode Array Detector FG	VF-D11-A ^[4] ^[10]	USB
Thermo Scientific - Vanquish	HPLC	Diode Array Detector CG	VC-D11-A ^[4]	USB
Thermo Scientific - Vanquish	HPLC	Multi-Wavelength Detector CG	VC-D12-A	USB
Thermo Scientific - Vanquish	UHPLC	Variable Wavelength Detector F	VF-D40-A ^[3]	USB

System/Family	Category	Type	Model	Interface Type
Thermo Scientific - Vanquish	HPLC	Variable Wavelength Detector C	VC-D40-A ^[3]	USB
Thermo Scientific - Vanquish	UHPLC	Fluorescence Detector F	VF-D50-A ^[2] ^[3]	USB
Thermo Scientific - Vanquish	UHPLC	Fluorescence Detector F with Dual-PMT	VF-D51-A ^[2] ^[3]	USB
Thermo Scientific - Vanquish	HPLC	Fluorescence Detector C	VC-D50-A ^[2] ^[3]	USB
Thermo Scientific - Vanquish	HPLC	Fluorescence Detector C with Dual-PMT	VC-D51-A ^[2] ^[3]	USB
Thermo Scientific - Vanquish	HPLC	Refractive Index Detector C	VC-D60-A	USB
Thermo Scientific - Vanquish	(U)HPLC	Solvent Monitor	n.a.	USB
Thermo Scientific – TRACE1300 GC				
Thermo Scientific – TRACE 1300 Series	GC	GC Main	TRACE1300 / 1310	LAN
Thermo Scientific – TRACE 1300 Series	GC Main	TRACE1300E	TRACE1300E	LAN
Thermo Scientific – TRACE 1300 Series	GC Oven	TRACE1300 / 1310	TRACE1300 / 1310	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Auxiliary	Auxiliary Oven	Auxiliary Oven	(via GC)

System/Family	Category	Type	Model	Interface Type
Thermo Scientific – TRACE 1300 Series	GC Inlet	Split/Splitless with and without backflush	Split/Splitless with and without backflush	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Inlet	Helium Saver Split/Splitless inlet	Helium Saver Split/Splitless inlet	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Inlet	GSV Split/Splitless inlet	GSV Split/Splitless inlet	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Inlet	Programmable Temperature Vaporization (PTV) with and without backflush	Programmable Temperature Vaporization (PTV) with and without backflush	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Flame Ionization Detector (FID)	Flame Ionization Detector (FID)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Flame Ionization Detector (FID) 600 Hz	Flame Ionization Detector (FID) 600 Hz	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Thermal Conductivity Detector (TCD)	Thermal Conductivity Detector (TCD)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Nitrogen Phosphorus Detector (NPD)	Nitrogen Phosphorus Detector (NPD)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Electron Capture Detector (ECD)	Electron Capture Detector (ECD)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Flame Photometric Detector (FPD)	Flame Photometric Detector (FPD)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Pulse Discharge Detector (PDD)	Pulse Discharge Detector (PDD)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Detector	Generic Detector Interface (GDI)	Generic Detector Interface (GDI)	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Auxiliary	Auxiliary Carrier Module	Auxiliary Carrier Module	(via GC)

System/Family	Category	Type	Model	Interface Type
Thermo Scientific – TRACE 1300 Series	GC Auxiliary	Auxiliary Gas Module for TRACE 1300E	Auxiliary Gas Module for TRACE 1300E	(via GC)
Thermo Scientific – TRACE 1300 Series	GC Auxiliary	Auxiliary Temperature Module	Auxiliary Temperature Module	(via GC)
Thermo Scientific – TRACE1600 GC				
Thermo Scientific - TRACE 1600 Series	GC Main	TRACE1360 / 1610	TRACE1360 / 1610	LAN
Thermo Scientific - TRACE 1600 Series	GC Oven	TRACE1300 / 1310	TRACE1300 / 1310	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Auxiliary	Auxiliary Oven	Auxiliary Oven	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Inlet	Split/Splitless with and without backflush	Split/Splitless with and without backflush	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Inlet	Helium Saver Split/Splitless inlet	Helium Saver Split/Splitless inlet	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Inlet	GSV Split/Splitless inlet	GSV Split/Splitless inlet	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Inlet	Programmable Temperature Vaporization (PTV) with and without backflush	Programmable Temperature Vaporization (PTV) with and without backflush	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Flame Ionization Detector (FID)	Flame Ionization Detector (FID)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Thermal Conductivity Detector (TCD)	Thermal Conductivity Detector (TCD)	(via GC)

System/Family	Category	Type	Model	Interface Type
Thermo Scientific - TRACE 1600 Series	GC Detector	Nitrogen Phosphorus Detector (NPD)	Nitrogen Phosphorus Detector (NPD)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Electron Capture Detector (ECD)	Electron Capture Detector (ECD)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Flame Photometric Detector (FPD)	Flame Photometric Detector (FPD)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Pulse Discharge Detector (PDD)	Pulse Discharge Detector (PDD)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Detector	Generic Detector Interface (GDI)	Generic Detector Interface (GDI)	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Auxiliary	Auxiliary Carrier Module	Auxiliary Carrier Module	(via GC)
Thermo Scientific - TRACE 1600 Series	GC Auxiliary	Auxiliary Temperature Module	Auxiliary Temperature Module	(via GC)
Thermo Scientific – TRACE GC Ultra				
Thermo Scientific - TRACE GC Ultra	Gas Chromatograph	GC	TRACE GC Ultra	RS232
Thermo Scientific - TRACE GC Ultra	Gas Chromatograph	GC	TRACE GC Ultra	LAN
Thermo Scientific - TRACE GC Ultra	Gas Chromatograph	GC with Ultrafast Oven option	TRACE GC Ultra with Ultrafast Oven option	RS232
Thermo Scientific - TRACE GC Ultra	Gas Chromatograph	GC with Ultrafast Oven option	TRACE GC Ultra with Ultrafast Oven option	LAN

System/Family	Category	Type	Model	Interface Type
Thermo Scientific - TRACE GC Ultra	GC Detector	Autoranging Flame Ionization Detector (FID-ar)	Autoranging Flame Ionization Detector (FID-ar)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Flame Ionization Detector (FID)	Flame Ionization Detector (FID)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Thermal Conductivity Detector (TCD)	Thermal Conductivity Detector (TCD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Nitrogen Phosphorous Detector (NPD)	Nitrogen Phosphorous Detector (NPD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Flame Photometric Detector (FPD)	Flame Photometric Detector (FPD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Electron Capture Detector (ECD)	Electron Capture Detector (ECD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Pulse Discharge Detector (PDD)	Pulse Discharge Detector (PDD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Photoionization Detector (PID)	Photoionization Detector (PID)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Detector	Other detectors	Other detectors	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Inlet	Split/Splitless	Split/Splitless	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Inlet	Purged/Packed Column (PPKD)	Purged/Packed Column (PPKD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Inlet	Packed Column (PKD)	Packed Column (PKD)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Inlet	On Column Inlet (OCI)	On Column Inlet (OCI)	(via GC)

System/Family	Category	Type	Model	Interface Type
Thermo Scientific - TRACE GC Ultra	GC Inlet	Large Volume On Column Inlet (LVOCI)	Large Volume On Column Inlet (LVOCI)	(via GC)
Thermo Scientific - TRACE GC Ultra	GC Inlet	Programmable Temperature Vaporization (PTV)	Programmable Temperature Vaporization (PTV)	(via GC)
Thermo Scientific – TRACE GC Ultra	Valves	Valves, including Gas Sampling Valve (GSV)	Valves, including Gas Sampling Valve (GSV)	(via GC)
Thermo Scientific - TRACE GC Ultra	Aux Oven	Aux Oven	Aux Oven	(via GC)
Thermo Scientific - TRACE GC Ultra	Aux Temperature Zones	Aux Temperature Zones	Aux Temperature Zones	(via GC)
Thermo Scientific – FOCUS GC				
Thermo Scientific – FOCUS GC	Gas Chromatograph	FOCUS GC	FOCUS GC	RS232
Thermo Scientific – FOCUS GC	GC Detector	Flame Ionization Detector (FID)	Flame Ionization Detector (FID)	(via GC)
Thermo Scientific – FOCUS GC	GC Detector	Thermal Conductivity Detector (TCD)	Thermal Conductivity Detector (TCD)	(via GC)
Thermo Scientific – FOCUS GC	GC Inlet	Split/Splitless	Split/Splitless	(via GC)
Thermo Scientific – GC Samplers				

System/Family	Category	Type	Model	Interface Type
Thermo Scientific – AI/AS3000	GC	GC Autosampler	AS3000, AI3000	RS232
Thermo Scientific – AI/AS1310	GC	GC Autosampler	AS1310, AI1310	RS232
Thermo Scientific – TriPlus RSH	GC	GC Autosampler	TriPlus RSH	LAN
Thermo Scientific – TriPlus RSH Smart	GC	GC Autosampler	TriPlus RSH	LAN
Thermo Scientific – TriPlus 100 LS	GC	GC Liquid Autosampler	TriPlus 100 LS	LAN
Thermo Scientific – TriPlus 500 HS	GC	GC Headspace Autosampler	TriPlus 500 HS	LAN
Thermo Scientific – AI/AS1610	GC	GC Autosampler	AS1610, AI1610	RS232
Thermo Scientific - Other				
Thermo Scientific – A2D Converter	Analog to digital converter	Dual-Channel A2D (Serial numbers > 015000)	Thermo.A2D	USB

- [1] Fraction collection is not supported.
 [2] 3D data acquisition is not supported.
 [3] Scan data are not supported.
 [4] Only one device per OpenLab CDS instrument is supported.
 [5] When used as a standalone detector an inject synchronization cable is required (see online help for more information).
 [6] 2D data are limited to 50 Hz, even if the UI allows higher values to be set.
 [7] Vanquish CAD detectors are not compatible with modules from outside the Vanquish portfolio. For use with non-Vanquish modules, the Thermo Scientific Corona™ Veo is recommended.
 [8] It is not possible to share an AS-AP, WPS, or ACC autosampler between two instruments due to a limitation in OpenLab CDS.

[9] After a TRACE 1300 GC firmware upgrade, a "Get Configuration" must be performed on any existing TRACE1300 instruments in order for the new firmware version to be stored in the configuration and option to use the 600 Hz acquisition rate to become available in SII for OpenLab.

[10] The model number listed and later versions (model number with suffixes e.g. -01 or -02) are supported, if not otherwise noted.

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