

## ACQUITY UPLC H-Class and ACQUITY UPLC H-Class Bio System Accessories

### FLEXIBILITY AND OPTIONS TO SUPPORT YOUR ANALYTICAL NEEDS

The flexibility and robustness of the Waters® ACQUITY UPLC® H-Class System make it the ideal choice for sustaining legacy HPLC methods, as well as developing and supporting UPLC® methods. There are also a wide variety of system accessories designed to help meet your method requirements while maximizing productivity.

# H



#### DETECTION OPTIONS

PDA, PDA eλ, TUV, ELS, FLR, RI, MS

#### COLUMN HEATER OPTIONS

Column Heater (CH-A)  
Column Heater 30 cm (CH30-A)  
Column Heater/Cooler 30 cm (CHC)  
Column Manager (CM-A)  
Column Manager Auxilliary (CM-AUX)

#### SAMPLE MANAGER - FLOW THROUGH NEEDLE (SM - FTN)

Sample Organizer (extended capacity)

#### QUATERNARY SOLVENT MANAGER (QSM)

## QUATERNARY SOLVENT MANAGER ACCESSORIES

The ACQUITY UPLC H-Class QSM dynamically blends up to four solvents in any proportion, eliminating the time and potential error of pre-mixing mobile phases. With an optional, fully integrated solvent select valve, the system capacity can be expanded, accessing up to nine solvents to significantly increase the system's ability to screen multiple solvents when developing methods.



## QUATERNARY SOLVENT MANAGER ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
205000731	Particulate filter, 22 µL	Used in place of standard 100-µL mixer when lowest possible dwell volume is desired; not recommended for use with UV detection
700005119	Mixer/filter, 100 µL	Standard mixer (packed bead mixer, zirconia beads)
205000719	Mixer/filter, 250 µL	Additional mixing for low-UV wavelength applications utilizing strong UV-absorbing mobile phases (i.e., TFA)(packed bead mixer, zirconia beads)
700005162	<i>i</i> <sup>2</sup> Valve cartridge assembly (inlet check valve)	Inlet check valves (electronically controlled) designed to improve robustness as well as enable faster system priming and start-up times (standard)
700005164	Outlet check valve	Dual ball and seat passive check valve
700003616	Mobile phase bottle filters, Package of 7, SS	General purpose, critically clean stainless steel solvent filters that are placed in the mobile phase bottle
700005173	GPV particulate filter, Package of 4, SS	Critically clean stainless steel particulate filters for the Gradient Proportioning Valve (GPV)
205000661	Hexane/THF compatibility kit	Enables ACQUITY UPLC H-Class System to accommodate mobile phase containing a high content of THF and/or Hexane
205000660	Solvent select valve	Provides additional 6 solvent choices; plumbed into line D, extending solvent choice to A, B, C, and D1 - 6; fully integrated into QSM (includes valve cartridge)
700005408	Solvent select valve cartridge	Solvent select valve (valve cartridge only) for use with the solvent select valve (205000660)
201000233	Preventative Maintenance (PM) Kit, QSM	Includes all necessary components to perform regular PM of the QSM

## BIO-QUATERNARY SOLVENT MANAGER ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
700005258	Mixer/filter, 100-µL bio-inert	Standard mixer (packed bead mixer, zirconia beads); all wetted materials are bio-inert
205000737	Mixer/filter, 250-µL bio-inert	Additional mixing for low-UV wavelength applications utilizing strong UV-absorbing mobile phases (i.e., TFA)(packed bead mixer, zirconia beads); all wetted materials are bio-inert
700005414	<i>i</i> <sup>2</sup> Valve cartridge assembly (inlet check valve) bio-inert	Inlet check valves (electronically controlled) designed to improve robustness as well as enable faster system priming and start-up times (bio-inert)
700005415	Outlet check valve, bio-inert	Dual ball and seat passive check valve (bio-inert)
700005378	Mobile phase bottle filters, Pkg. of 7, Ti	Titanium solvent filters that are placed in the mobile phase bottle
700005419	GPV particulate filter, Pkg. of 4, Ti	Titanium particulate filters for the Gradient Proportioning Valve (GPV)
205000660	Solvent select valve	Provides additional 6 solvent choices; plumbed into line D, extending solvent choice to A, B, C, and D1 - 6; fully integrated into QSM (must order separate bio-inert valve cartridge (700005423))
700005423	Solvent select valve cartridge, bio-inert	Bio-inert solvent select valve (valve cartridge only) for use with the solvent select valve (205000660)
201000244	Preventative Maintenance (PM) Kit, bio-QSM	Includes all necessary components to perform regular PM of the bio-QSM
205000800	Hexane/THF compatibility kit	Enables ACQUITY UPLC H-Class Bio System to accommodate mobile phase containing a high content of THF and/or Hexane

## SAMPLE MANAGER - FTN AND SAMPLE ORGANIZER ACCESSORIES

The ACQUITY UPLC H-Class SM - FTN delivers exceptional sample recovery through highly precise and accurate injections. Its ultra-low-dispersion design minimizes peak width, leading to a highly efficient transfer of the sample onto the head of the column while minimizing carryover.

The ACQUITY UPLC Sample Organizer (SO) extends the level of automation and sample processing throughput of the ACQUITY UPLC H-Class System. The SO supports a wide range of plates and vial holders, significantly increasing the available sample capacity to: 19 microtiter plates, 9 intermediate height plates (or 2-mL vial holders), or 6 deep well plates (or 4-mL vial holders).



### SAMPLE MANAGER - FTN ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
700005215	15- $\mu$ L needle, SS	Standard needle used on the SM - FTN, stainless steel
700005279	30- $\mu$ L needle, SS	Use to reduce cycle times for larger extension loops
430002012	50- $\mu$ L extension loop	Increases the available injection volume up to 50 $\mu$ L; must be paired with a 100- $\mu$ L metering syringe (700002570)
430002011	100- $\mu$ L extension loop	Increases the available injection volume up to 100 $\mu$ L; must be paired with a 250- $\mu$ L metering syringe (410001347)
430002007	250- $\mu$ L extension loop	Increases the available injection volume up to 250 $\mu$ L must be paired with a 500- $\mu$ L metering syringe (410001647)
410001348	50- $\mu$ L metering syringe	Default metering syringe shipped with SM - FTN; metering syringe should be at least 2X the sample volume
700002570	100- $\mu$ L metering syringe	Metering syringe should be at least 2X the sample volume
410001347	250- $\mu$ L metering syringe	Metering syringe should be at least 2X the sample volume
410001647	500- $\mu$ L metering syringe	Metering syringe should be at least 2X the sample volume
405003743	48-well, 2-mL vial holder	Auto-sampler vial holder tray for standard 2-mL vials
405003742	24-well, 4-mL vial holder	Auto-sampler vial holder tray for large 4-mL vials
405003740	24-well, 1.5-mL tube holder	Auto-sampler tube holder tray for 1.5-mL test tubes
405003741	48-well, 0.65-mL tube holder	Auto-sampler tube holder tray for 0.65-mL centrifuge tubes
201000234	H-Class SM - FTN Preventative Maintenance (PM) Kit	Includes all necessary components to perform regular PM of the SM - FTN
700005762	100- $\mu$ L Mixer	Optional mixer to aid in the transfer of legacy HPLC methods

### BIO-SAMPLE MANAGER - FTN ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
700005421	15- $\mu$ L needle, MP35N (bio-inert)	Bio-inert needle used on the SM - FTN, MP35N
430002591	50- $\mu$ L extension loop, MP35N (bio-inert)	Increases the available injection volume up to 50 $\mu$ L; must be paired with a 100- $\mu$ L metering syringe (700002570); bio-inert
430002625	100- $\mu$ L extension loop, MP35N (bio-inert)	Increases the available injection volume up to 100 $\mu$ L; must be paired with a 250- $\mu$ L metering syringe (410001347); bio-inert
430002630	250- $\mu$ L extension loop, MP35N (bio-inert)	Increases the available injection volume up to 250 $\mu$ L; must be paired with a 500- $\mu$ L metering syringe (410001647); bio-inert
430002585	1000- $\mu$ L extension loop, MP35N (bio-inert)	Increases the available injection volume up to 1000 $\mu$ L; must be paired with a 500- $\mu$ L metering syringe (410001647); bio-inert
201000201	Bio SM - FTN Preventative Maintenance (PM) Kit	Includes all necessary components to perform regular PM of the bio SM - FTN

### SAMPLE ORGANIZER AND ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
176015040	ACQUITY UPLC Sample Organizer	Extends the level of sample capacity of the ACQUITY UPLC H-Class System to 19 microtiter plates, or 9 intermediate height plates (or 2-mL vial holders), 6 deep well plates (or 4-mL vial holders); ships with 9 shelves
700005778	Additional SO shelf kit, Qty 5	Additional 5 shelves for the sample organizer
205000565	External pneumatic source kit	For use if SO is intended to be connected to an external pneumatic source

## COLUMN MANAGEMENT OPTIONS AND ACCESSORIES

The ACQUITY UPLC Column Heaters and Managers feature active solvent pre-heating to ensure consistent thermal performance from system-to-system. These intelligent devices enable the temperature of the mobile phase to match the set temperature of the column, while significantly minimizing dispersion, thus positively impacting the separation performance achievable by the column.

### COLUMN MANAGEMENT

PART NUMBER	ITEM	DESCRIPTION
186015042	Column Heater with active pre-heating (CH-A)	Accommodates a single column, up to 150 mm in length between 1.0 - 4.6 mm I.D.; temperature range 5 °C above ambient to 90 °C, settable in 0.1 °C increments
176015046	30-cm Column Heater with active pre-heating (CH30-A)	Accommodates a single column, up to 300 mm in length between 2.1 - 4.6 mm I.D.; temperature range 5 °C above ambient to 90 °C, settable in 0.1 °C increments
186015011	30-cm Column Heater/Cooler (30-cm CHC)	Accommodates a single column up to 300 mm in length between 2.1 - 7.8 mm I.D.; temperature ranges between 4 - 65 °C (This unit does NOT have active pre-heating; requires ACQUITY UPLC H-Class compatibility kit (205000761))
176015043	Column Manager with active pre-heating (CM-A)	Accommodates 2 columns up to 150 mm in length or 4 columns up to 50 mm in length, between 2.1 - 4.6 mm I.D.; two independent heat/cool zones with temperature ranges between 4 - 90 °C
176015044	Column Manager (CM-A) and a Single-Auxiliary Column Manager (CM-Aux) with active pre-heating	Accommodates 4 columns up to 150 mm in length between 2.1 - 4.6 mm I.D.; four independent heat/cool zones with temperature ranges between 4 - 90 °C
176015045	Column Manager (CM-A) and a Two-Auxiliary Column Managers (CM-Aux) with active pre-heating	Accommodates 6 columns up to 150 mm in length between 2.1 - 4.6 mm I.D.; six independent heat/cool zones with temperature ranges between 4 - 90 °C
176015048	Auxiliary Column Manager (CM-Aux), positions 3 & 4	Intended as an add-on for a system with a pre-existing CM-A unit; cannot be used independent from a CM-A unit
176015049	Auxiliary Column Manager (CM-Aux), positions 5 & 6	Intended as an add-on for a system with a pre-existing CM-A unit as well as a pre-existing CM-Aux unit; cannot be used independent from a CM-A unit

### BIO-INERT COLUMN MANAGEMENT

PART NUMBER	ITEM	DESCRIPTION
176015059	Bio-Inert 30-cm Column Heater with active pre-heating (CH30-A)	Accommodates a single column, up to 300 mm in length between 2.1 - 4.6 mm I.D.; temperature range 5 °C above ambient to 90 °C, settable in 0.1 °C increments; bio-inert fluidic path
176015056	Bio-Inert Column Manager with active pre-heating (Bio CM-A)	Accommodates 2 columns up to 150 mm in length or 4 columns up to 50 mm in length, between 2.1 - 4.6 mm I.D.; two independent heat/cool zones with temperature ranges between 4 - 90 °C; bio-inert fluidic path
176015057	Bio-Inert Column Manager (Bio CM-A) and a Single Auxiliary Column Manager (Bio CM-Aux) with active pre-heating	Accommodates 4 columns up to 150 mm in length between 2.1 - 4.6 mm I.D.; four independent heat/cool zones with temperature ranges between 4 - 90 °C; bio-inert fluidic path
176015058	Bio-Inert Column Manager (Bio CM-A) and a Two Auxiliary Column Managers (Bio CM-Aux) with active pre-heating	Accommodates 6 columns up to 150 mm in length between 2.1 - 4.6 mm I.D.; six independent heat/cool zones with temperature ranges between 4 - 90 °C; bio-inert fluidic path
176015052	Bio-Inert Auxiliary Column Manager (Bio CM-Aux), positions 3&4	Intended as an add-on for a system with a pre-existing Bio CM-A unit; cannot be used independent from a Bio CM-A unit; bio-inert fluidic path
176015053	Bio-Inert Auxiliary Column Manager (Bio CM-Aux), positions 5&6	Intended as an add-on for a system with a pre-existing Bio CM-A unit as well as a pre-existing Bio CM-Aux unit; cannot be used independent from a Bio CM-A unit; bio-inert fluidic path

## COLUMN MANAGEMENT ACCESSORIES

PART NUMBER	ITEM	SUPPORTED COLUMN MANAGERS	DESCRIPTION
205000730	Active pre-heater (APH), SS, 12.5"	CH-A, CM-A, CH30-A	Standard active pre-heater used with CH-A
205000774	Active pre-heater (APH), SS, 18.5"	CM-A, CM-Aux	Active pre-heater, stainless steel
205000776	Active pre-heater (APH), SS, 23.5"	CM-A, CM-Aux, CH30-A	Active pre-heater, stainless steel
205000764	Two APH, SS	CM-A	Contains two active pre-heaters for use with the CM-A
205000765	Four APH, SS	CM-A, CM-Aux	Contains four active pre-heaters for use with the CM-A
205000767	Six APH, SS	CM-A, CM-Aux	Contains six active pre-heaters for use with the CM-A
205000489	Column stabilizer for 50-mm columns	CH-A	Passive mobile phase pre-heater to support legacy methods, accommodates columns <100 mm in length
205000494	Column stabilizer for 150-mm columns	CH-A	Passive mobile phase pre-heater to support legacy methods, accommodates columns <150 mm in length
205000761	30-cm Column Heater/Cooler compatibility kit	30-cm CHC	Includes power cord and appropriate connective tubing to interface 30-cm CHC to ACQUITY UPLC H-Class and ACQUITY UPLC H-Class Bio systems
205000726	Column Heater extension kit for MS	CH-A	Includes mounting bracket and drip trays required for interfacing CH-A, in its extended position, with an MS source
700005438	Switching valve cartridge (one), SS	CM-A	9-port switching valve cartridge pod, stainless steel
205000768	Switching valve cartridges (two), SS	CM-A	Two, 9-port switching valve cartridge pods, stainless steel
205000547	UPLC flow restrictor	CH-A, CM-A, CM-Aux	For use in applications where additional backpressure is needed 40 µm x 14"

## BIO-INERT COLUMN MANAGEMENT ACCESSORIES

PART NUMBER	ITEM	SUPPORTED COLUMN MANAGERS	DESCRIPTION
205000756	Active pre-heater (APH), MP35N, 12.5"	CH-A, CM-A, CH30-A	Standard bio-inert active pre-heater
205000775	Active pre-heater (APH), MP35N, 18.5"	CM-A, CM-Aux	Bio-inert active pre-heater
205000777	Active pre-heater (APH), MP35N, 23.5"	CM-A, CM-Aux, CH30-A	Bio-inert active pre-heater
205000778	Two APH, MP35N	CM-A	Contains two bio-inert active pre-heaters for use with the CM-A
205000779	Four APH, MP35N	CM-A, CM-Aux	Contains four bio-inert active pre-heaters for use with the CM-A/CM-Aux
205000780	Six APH, MP35N	CM-A, CM-Aux	Contains six bio-inert active pre-heaters for use with the CM-A/CM-Aux
700005461	Switching valve cartridge (single), Ti	CM-A	Single 9-port switching valve cartridge pod, titanium
205000773	Switching valve cartridge (two), Ti	CM-A	Two, 9-port switching valve cartridge pod, titanium

## ACQUITY UPLC DETECTORS AND ACCESSORIES

Designed to enhance and maintain the separation efficiency of all ACQUITY UPLC Systems, ACQUITY UPLC Detectors enable the analysis of a wide variety of compounds while delivering exceptional levels of sensitivity. A number of flow cell choices are available to meet your method requirements. Detector options include: Photodiode Array (PDA), Extended Wavelength PDA (PDA e $\lambda$ ), Tunable UV (TUV), Fluorescence (FLR), Refractive Index (RI), and Evaporative Light Scattering (ELS).

### DETECTORS

PART NUMBER	ITEM	DESCRIPTION
176015026	ACQUITY UPLC PDA Detector	Wavelength range from 190–500 nm, with 1.2-nm spectral resolution; data rates up to 80 Hz; linear response across 2.0-AU dynamic range; supports full 3D spectral analysis or multi-wavelength operation simultaneously; includes analytical flow cell of 10-mm path length with 500 nL illuminated volume
176015030	ACQUITY UPLC PDA e $\lambda$ Detector	Wavelength range from 190–800 nm, with 1.2-nm spectral resolution; data rates up to 80 Hz; linear response across 2.0-AU dynamic range; supports full 3D spectral analysis or multi-wavelength operation simultaneously; includes analytical flow cell of 10-mm path length with 500 nL illuminated volume
176015028	ACQUITY UPLC TUV Detector	Wavelength range from 190–700 nm; tunable UV, dual-wavelength UV/Vis detector; data rates up to 80 Hz; linear response across 2.5 AU; dynamic range extends to 4.0 AU; includes analytical flow cell of 10-mm path length with 500 nL illuminated volume
176015095	ACQUITY RI Detector	Features a thermal design that uses active heating in an insulated oven and a counter-current heat exchanger to ensure that incoming solvent temperature is matched to that of the exiting solvent, delivering stable baselines for repeatable peak integration even at low concentrations; integrated valves allow for automatic purging of the reference side of the flow cell and automated solvent recycling; access to the detector status and all diagnostic information is supported through the Instrument Console
176015027	ACQUITY UPLC ELS Detector	Designed to monitor compounds with poor or no UV/Vis response or analytes with poor ionization efficiency in MS; comes preconfigured with low dispersion nebulizer
176015029	ACQUITY UPLC FLR Detector	Multi-channel, multi-wavelength fluorescence detector; axially-illuminated flow cell design allows for better light adsorption with minimal dispersion

### DETECTOR ACCESSORIES

PART NUMBER	ITEM	DESCRIPTION
205015017	PDA flow cell, analytical, 10 mm, 500 nL	Standard flow cell used in PDA and PDA e $\lambda$ . 10 mm path length with 500 nL illuminated volume; 127- $\mu$ m PEEK interconnect inlet/outlet tubing; included when ordering PDA or PDA e $\lambda$ detectors
205015036	PDA flow cell, low-dispersion analytical, 10 mm, 500 nL	For use in PDA and PDA e $\lambda$ . 10 mm path length with 500 nL illuminated volume; 63.5- $\mu$ m PEEK interconnect inlet/outlet tubing
205015035	PDA flow cell, low-dispersion microbore, 10 mm, 250 nL	For use in PDA and PDA e $\lambda$ . 10 mm path length with 250 nL illuminated volume; 63.5/ 89- $\mu$ m PEEK interconnect inlet/outlet tubing
205015005	PDA flow cell, high sensitivity, 25 mm, 2400 nL	For use in PDA and PDA e $\lambda$ . 25 mm path length with 2400 nL illuminated volume; 62.5- $\mu$ m PEEK interconnect inlet/outlet tubing
205015006	PDA flow cell, high throughput, 3 mm, 135 nL	For use in PDA and PDA e $\lambda$ ; 3 mm path length with 135 nL illuminated volume; 62.5- $\mu$ m PEEK interconnect inlet/outlet tubing
205000612	PDA flow cell, stainless steel, 5 mm, 1500 nL	For use in PDA and PDA e $\lambda$ ; 5 mm path length with 1500 nL illuminated volume; stainless steel
205000613	PDA flow cell, titanium, 5 mm, 1500 nL	For use in PDA and PDA e $\lambda$ ; 5 mm path length with 1500 nL illuminated volume; titanium
205015016	TUV flow cell, analytical, 10 mm, 500 nL	Standard flow cell used in the TUV; 10 mm path length with 500 nL illuminated volume; 127- $\mu$ m PEEK interconnect inlet/outlet tubing; included when ordering TUV detector
205015033	TUV flow cell, low-dispersion analytical, 10 mm, 500 nL	For use with TUV; 10 mm path length with 500 nL illuminated volume; 63.5- $\mu$ m PEEK interconnect inlet/outlet tubing
205015032	TUV flow cell, low-dispersion microbore, 10 mm, 250 nL	For use with TUV; 10 mm path length with 250 nL illuminated volume; 63.5/ 89- $\mu$ m PEEK interconnect inlet/outlet tubing

205015018	TUV flow cell, high sensitivity, 25 mm, 2400 nL	For use with TUV; 25 mm path length with 2400 nL illuminated volume; 62.5- $\mu$ m PEEK interconnect inlet/outlet tubing
205000610	TUV flow cell, stainless steel, 5 mm, 1500 nL	For use with TUV; 5 mm path length with 1500 nL illuminated volume; stainless steel
205000611	TUV flow cell, titanium, 5 mm, 1500 nL	For use with TUV; 5 mm path length with 1500 nL illuminated volume; titanium
205000609	FLR large-volume flow cell	For use with FLR; used for high sensitivity analyses (i.e., aflatoxin analysis)
205000500	FLR cuvette and holder cell	Enables the ACQUITY UPLC FLR Detector to accommodate a cuvette, allowing the detector to act as a spectrophotometer
205000342	ELS UPLC nebulizer	Spare nebulizer for the ACQUITY UPLC ELS Detector; included when ordering ACQUITY UPLC ELS Detector

## FITTINGS, TUBING, AND RELATED COMPONENTS

Low-dispersion connections and fittings are a necessity towards achieving and maintaining UPLC performance.

PART NUMBER	ITEM	DESCRIPTION
700003139	Re-usable high pressure finger tight fittings, 10–32	Single high-pressure finger-tight fitting capable of pressures up to 18,000 psi; can accommodate all column types
410003354	Locking, dual thread compression screw	Two-piece gold-plated stainless steel compression screw; replacement for two-piece compression screw on APH (used in conjunction with 700003114); capable of pressures up to 18,000 psi
700002645	Dual thread compression screw, long, pkg. of 10	Gold-plated stainless steel compression screw (used in conjunction with 700002635); capable of pressures up to 18,000 psi
700002634	Dual thread compression screw, short, pkg. of 10	Gold-plated stainless steel compression screw (used in conjunction with 700002635); capable of pressures up to 18,000 psi
410001905	One-piece finger-tight fitting, PEEK 10–32, black, pkg. of 10	For use on the low-pressure (outlet) side of the column
700003114	PEEK ferrule, 1/16, pkg. of 10	For use with re-usable high pressure finger-tight fitting (used in conjunction with 410003354); capable of pressures up to 18,000 psi
700002635	Two piece Swagelock ferrule set, pkg. of 10	Two-piece Swagelock ferrule; (used in conjunction with 700002645); capable of pressures up to 18,000 psi
700000991	PEEK compression screw and ferrule with SS lock ring, 1/16, pkg. of 5	Used at bulkhead fitting at detector inlet
700003443	PEEK tubing roll, 0.0025" x 60" (beige)	For use post-column
700003799	PEEK tubing roll, 0.004" x 60" (black)	For use post-column
700002636	Union, 0.020 ID, V-Detail	Tubing union used for UPLC
700004068	PEEK micro tee	For use: (1) When two destructive detectors are configured, (2) when an FLR and a destructive detector are configured, (3) to increase sensitivity in the system by restricting the flow rate range
700002747	Pin plug for UPLC, pkg. of 5	Used for sealing valve positions not in use
700004067	Tubing and fittings kit, multiple detectors	Contains multiple fittings and tubing to support multiple UPLC detectors in multiple stacked configurations
700003170	Multi-tool for high pressure finger-tight fittings	Ferrule removal tool used with 700003139
700001012	PEEK tubing cutter	Tubing cutter for custom configurations of PEEK tubing
205000478	Column support clips, pkg. of 10	Used as spacers at fluidic connections to the column for even heat dissipation

## ACQUITY UPLC H-CLASS SYSTEM OPTIONS

Enhance your UPLC system configuration with unique application add-on kits and other ease-of-use options.

PART NUMBER	ITEM	DESCRIPTION
176000830	ACQUITY UPLC Flex Cart	Mobilizes ACQUITY UPLC H-Class Systems to orient close to MS source; adjustable height; self-containing cart provides electrical outlets, supports computer tower, monitor, keyboard, and mouse, and manages fluidic waste containers
176001983	UPLC Local Console Controller (LCC)	Hand-held device designed to complement ACQUITY UPLC H-Class Systems within an Empower® Network environment; supported by a LAC/E32 box and mounts directly onto the ACQUITY UPLC Sample Manager - FTN
176002683	Amino Acid Analysis kit for ACQUITY UPLC H-Class	Turn-key application kit required to perform amino acid analysis; compatible with ACQUITY UPLC H-Class and ACQUITY UPLC H-Class Bio systems; must order UPLC AAA Application and Familiarization Services (741000299) when ordering this kit (not intended for IVD use)
205000614	Aflatoxin Analysis kit	Includes everything required to perform aflatoxin analysis; includes large volume FLR flow cell
205000589	ACQUITY UPLC System solvent bottles and caps	Mobile phase bottles and caps; quantity of 7; includes amber and clear mobile phase bottles of 500-mL and 1000-mL capacity
205000343	UPLC in-line filter kit	0.2-µm particulate filter with holder for use at column inlet



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Waters Global Services focuses on optimizing Waters products with superior service, support, upgrades, training, and Waters Quality Parts.®

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