

Adrona Compact ULTRAPURE Trace/ HPLC/ Bio



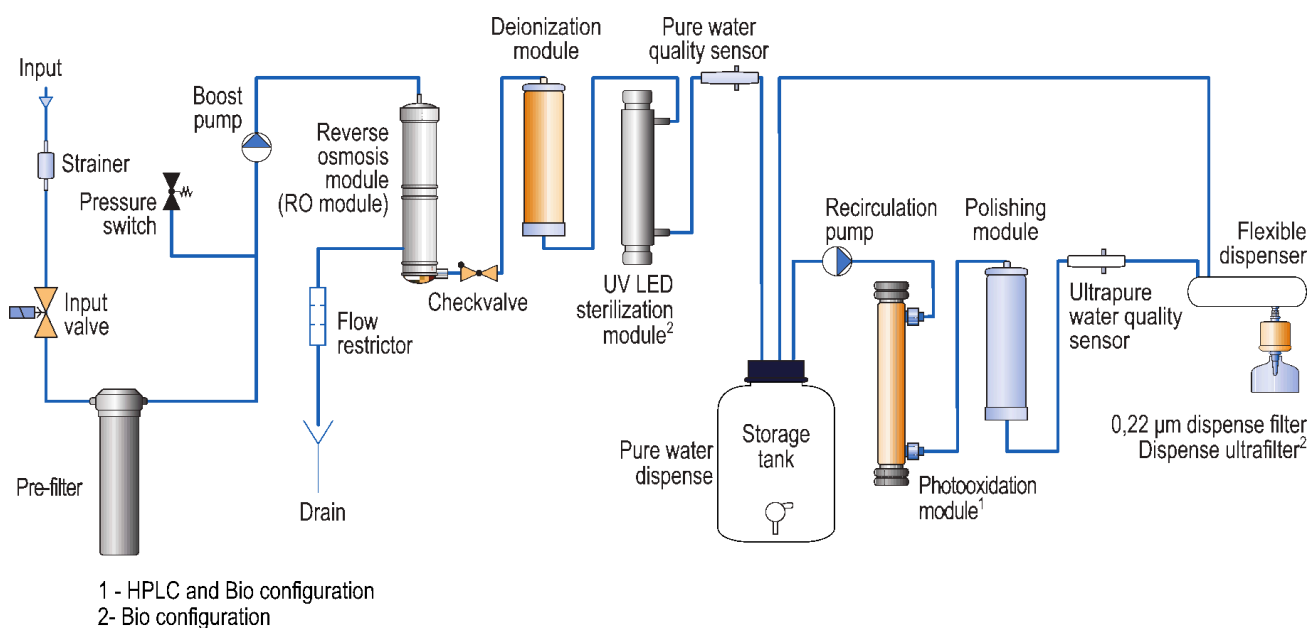
The new Compact ultrapure line (UP) builds on the proven performance of the Compact Pure systems, delivering both ultrapure (Grade 1/Type I) and pure (Grade 2/Type II) water.

Designed as a replacement of the Crystal EX systems, Compact UP offers similar water quality specifications but in a more compact form.

It features an integrated ultrapure water dispenser and it is optimal for applications with relatively low (10-15 L) daily consumption.

The system combines performance, efficiency, and space-saving design at an especially attractive price point.

FLOWCHART- COMPACT TRACE/ HPLC/ BIO



SPECIFICATION



<i>Parameter</i>	<i>Compact Trace</i>	<i>Compact HPLC</i>	<i>Compact Bio</i>
Grade 1 water resistivity at 25 °C	18.2 MΩ x cm	18.2 MΩ x cm	18.2 MΩ x cm
Grade 1 water conductivity at 25 °C	0.055 μS/cm	0.055 μS/cm	0.055 μS/cm
Grade 2 water resistivity at 25 °C	> 10 MΩ x cm	> 10 MΩ x cm	> 10 MΩ x cm
Grade 2 water conductivity at 25 °C	<0.1 μS/cm	<0.1 μS/cm	<0.1 μS/cm
TOC	<10 ppb	<5 ppb*	<5 ppb*
Rnase	-	-	<1 pg/mL
Dnase	-	-	<5 pg/mL
Bacteria	<0.01 CFU/mL	<0.01 CFU/mL	<0.01 CFU/mL
Endotoxins	<0.15 EU/mL	<0.15 EU/mL	<0.001 EU/mL
Particles >0.22 μm	<1/ per mL	<1/ per mL	<1/ per mL
Nominal flow, pure water (to storage tank)	10 L/h	10 L/h	10 L/h
Dispense rate, ultrapure water	Up to 1.5 L/min	Up to 1.5 L/min	Up to 1.5 L/min
Dimensions (Body): W×D×H	26*36*45 cm		
Dimensions (w/ Dispenser): W×D×H	33*36*57 cm		
System weight	17 kg		
Operation weight	19 kg		
Tank	Required, not included in the set		

*In appropriate operating conditions <2 ppb, otherwise normally <5 ppb.

ORDERING INFORMATION



System	Part number
Compact Trace	CT-1001
Compact HPLC	CT-1101
Compact Bio	CT-1201

The latest update to the Compact UP ultrapure water system features **separate single-column deionization and polishing cartridges**, replacing the previous combined deionization-polishing module.

This new configuration simplifies replacement with a tool-free design while maintaining the high water quality and reliable performance of the Compact UP system.



CONSUMABLES



Consumable	Part no.	Comment
Pre-filter	10320	
Deionization single-column cartridge	10318	NEW
Polishing single-column cartridge	10038	NEW
UV LED sterilization module	10104	For "Bio" systems only
Replacement photooxidation UV bulb	10018	For "Trace" and "HPLC" systems
Replacement 0.22 µm dispense microfilter	10013	For "Trace" and "HPLC" systems
Replacement ultrafilter	10120	For "Bio" systems only
UV bulb for automatic sanitization module	410175	For systems w/ module, part no. 10315 or 10316

WATER TANKS



Part no.	<i>Atmospheric water storage tank</i>
13012	Water storage tank "Basic" w/o base, w/ tap and level switch, 20 L
13003	Water storage tank "Pro", 30 L w/o multipoint sensor
10007	Water storage tank "Comfort" w/ base, tap and level switch, 60 L
10027	Storage tank "Comfort" w/ base, tap and level switch, 100 L
Part no.	<i>Water distribution, dispense and maintenance</i>
13005	Water distribution module (for water tanks w/ base)
13008	Water distribution module (for water tanks w/o base)
10602	Remote dispenser (for Grade 2 dispense; requires distribution module part no. 13005 or 13008)
10316	Automatic sanitization module for tank, <20 L
10315	Automatic sanitization module for tank "Pro"
410205	Automatic sanitization module for tank, 60-100 L

ACCESSORIES



Part no.	<i>Item</i>
10170	External pre-filter set (Carbon/PP, PP 1 µm) with manometer
10177	External pre-filter set (Anti-scale, Carbon/PP, PP 1 µm) with manometer
13007	Tank CO2 trap with microfilter
410226	AquaStop, water leakage protection system
410143	DQ/IQ/OQ/PQ documentation