

Adrona Compact 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.

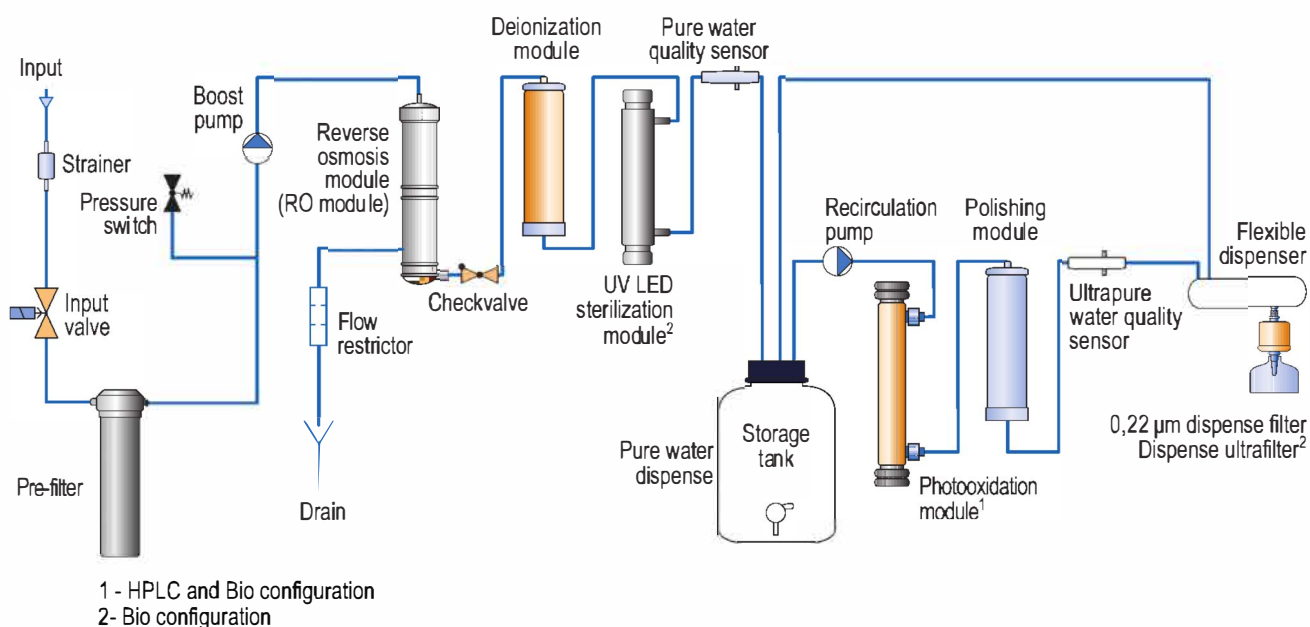
Designed as a complement to the Crystal EX systems, Compact UP offers similar water quality specifications but in a more compact form and very small footprint.

It features an integrated and flexible ultrapure water dispenser and is intended for applications with daily consumption of 10-15 L

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		

ORDERING INFORMATION



<i>System</i>	<i>Part number</i>
Compact Trace	CT-1001
Compact HPLC	CT-1101
Compact Bio	CT-1201

CONSUMABLES



<i>Consumable</i>	<i>Part no.</i>	<i>Configuration</i>
Pre-filter	10320	
Combined deionization and polishing module Q w/ quick connectors	10314	
UV LED sterilization module	10104	"Bio" systems only
Replacement photooxidation UV bulb	10018	"Trace" and "HPLC" systems
Replacement 0.22 µm dispense microfilter	10013	"Trace" and "HPLC" systems
Replacement ultrafilter	10120	"Bio" systems only
UV bulb for automatic sanitization module	410175	For systems w/ module, part no. 10315 or 10316

WATER TANKS



<i>Part no.</i>	<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
<i>Part no.</i>	<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



<i>Part no.</i>	<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