

Compact RO

Feed for laboratory ultrapure water systems, general chemistry, laboratory washing machines, water for autoclaves and environmental chambers, buffer preparation

Compact RO DI

Feed for laboratory ultrapure water systems, general chemistry, general chemical analysis, laboratory washing machines including final rinse, water for autoclaves and environmental chambers, buffer preparation, photometry / spectrophotometry, media preparation

Compact system with integrated tank

Reverse osmosis, deionization and 30 l tank combined in one unit.
Three flow rates – eight choices

The new Compact series incorporates RO and RO/DI purification technology, a reservoir, and all needed accessories in one unit.

The systems are ready to go because the first set of consumables is included.

All units are equipped with a 30l tank.

The space saving systems can be used wall mounted or on a bench top.

With pump or without pump... including DI polishing or without... the needed system is easily selected.

With approximately 98 % salt reduction in the RO section and a polished water quality < 0,1 µS/cm offers the COMPACT line water for nearly all laboratory needs.

Flow rates are 3 l/h ,7 l/h and 15 l/h for both the RO and the RO/DI range.

Optional CO₂ trap/vent filter combinations and UV sanitization units are available to protect the incorporated tank.

The unique design for all COMPACT-cartridges allows an easy and fast replacement for an incredible low price.

The new product family offers economically priced systems with running costs for each budget.



Type Compact...		RO	RO DI
Production rate at 15°C	LPH	3, 7 or 15	3, 7 or 15
Rejection rate	%	> 96	> 96
Pure water quality	µS/cm	-	< 0.1
Dimensions: H/W/D	mm	590 / 405 / 395	
Catalogue No.	3 LPH without pump	3801-00	3811-00
	7 LPH without pump	3802-00	3812-00
	7 LPH with pump	3802-01	3812-01
	15 LPH with pump	3803-01	3813-01

Please make sure the tap water quality is in the requested range!

The product water quality exceeds ASTM Typ II and ISO 3696 Typ II

Feed water specification for all types

Catalogue Number		3801-00, 3802-00 3811-00, 3812-00	all other types
Feed water pressure	bar	min 3.5 – max 6	0 – 6
Feed conductivity	µS/cm	< 1400	< 1400
Colloid Index	SDI	< 3	< 3
Free Chlorine and Fe	mg/l	0.1	0.1

The Compact systems are the perfect solution for all general laboratory water needs including feed water for ultra pure water systems.

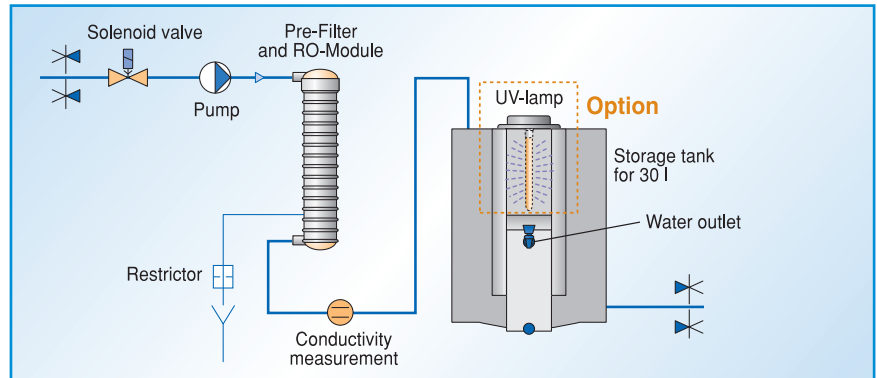
Additional water outlets on the tank can be used to feed dishwashers or autoclaves.

The DI version delivers the pure water directly to the faucet on the tank.

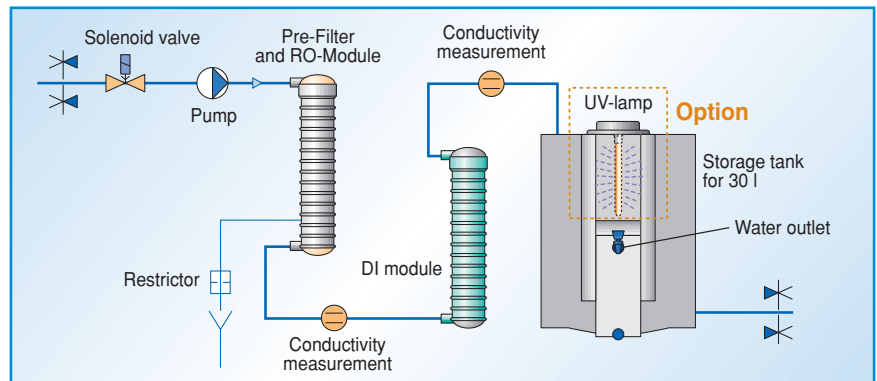
Clear advantages at a glance:

- 30 l tank is integrated
- Space saving
- Easy to use
- Digital display and controller
- One DI cartridge for all DI-systems
- Plug and play
- Quality control of RO permeate in all units
- Reduction rate for particles and bacteria > 99%
- Pure water quality < 0,1 µS/cm at all DI units

Flowsheet Compact RO (15 LPH)



Flowsheet Compact RO DI (15 LPH)

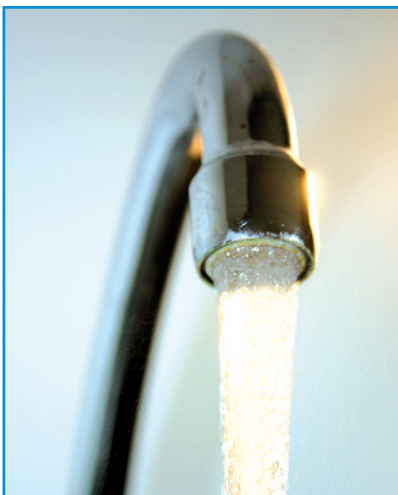


Consumables

Item	Cat. No.
Pre-Filter and RO-Module 3 – 7 l/h	2111
Pre-Filter and RO-Module 15 l/h	2112
DI module	2113
CO ₂ trap replacement cartridge	3502
UV-bulb for 2595	2595-1

Options

Item	Cat. No.
UV-Lamp	2595
Wall bracket	3316
CO ₂ trap with vent filter	3501-1



From tap to pure water in one system.