

## WATER PURIFICATION SYSTEM B310

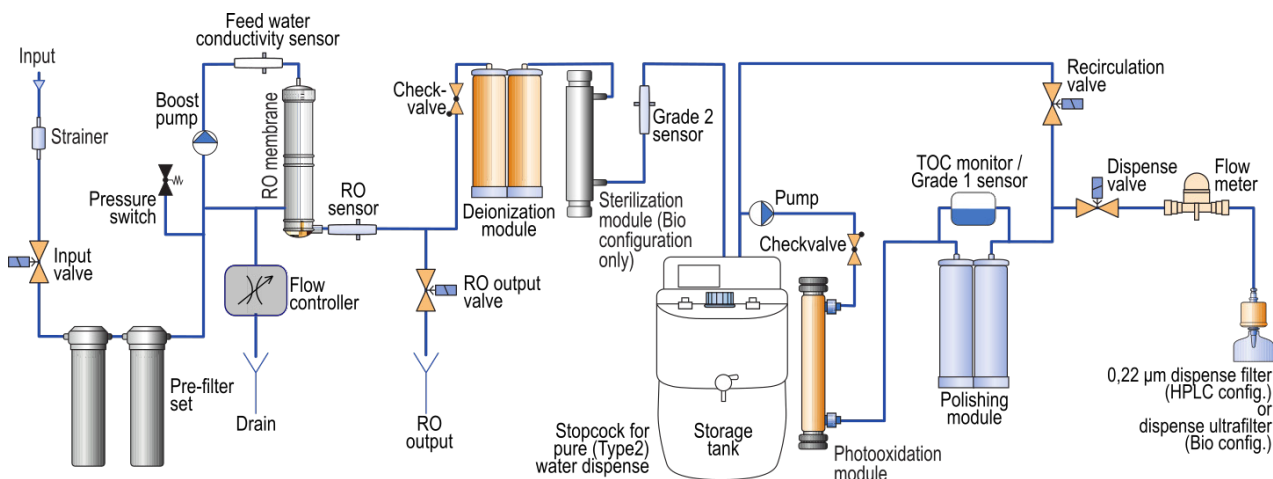


The latest integrated water system B310 is designed for the production of all types of Type 2/ Type 1 and RO laboratory water.

The B310 has new electronics and software, providing a number of additional features: large colour touch screen, data logging capability, warning and alarm messages, a wide range of flow control options, the ability to connect multiple remote dispensers, Ethernet and USB interfaces, dispense report preparation, improved accuracy of conductivity and TOC measurements.

- Its special feature is the ability to produce large volumes of water at low cost for general laboratory applications - glassware washers, autoclaves, rinsing of laboratory materials, etc.
- The system includes RO water recirculation, which reduces tap water consumption.
- A pressurised tank can be added for RO water storage.

## FLOW DIAGRAM



## WATER QUALITY & DISPENSE SPECIFICATION

|   | HPLC              | BIO           |
|---|-------------------|---------------|
| Catalogue No.                                 | CB-3503           | CB-3505       |
| Package incl. storage tank                    | CB-3503-P         | CB-3505-P     |
| Type 1 water conductivity at 25 °C            | 0.055 µS/cm       | 0.055 µS/cm   |
| Type 2 water conductivity at 25 °C            | <0.1 µS/cm        | <0.1 µS/cm    |
| TDS rejection rate                            | ≥97%              | ≥97%          |
| Total Organic Carbon (TOC) level              | <5 ppb*           | <5 ppb*       |
| RNase   | N/A               | <0.01 ng/mL   |
| DNase   | N/A               | <4 pg/µL      |
| Bacteria                                      | <0.01 CFU/mL      | <0.01 CFU/mL  |
| Endotoxins                                    | <0.15 EU/mL       | <0.001 EU/mL  |
| Particles >0.22 µm                            | <1/ per mL        | <0.05/ per mL |
| Nominal flow,<br>pure water (to storage tank) | 10 L/h            |               |
| Volumetric dispense                           | 0.01 L to 100 L** |               |
| Dispense rate, ultrapure water                | 1.5 - 2 L/min     |               |

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

\*\* Depends on the tank volume

- Compatible with additional remote water dispensers - water dispensing unit "Flow Point 4" or universal remote dispenser.
- Storage tank is required but not included in standard set.
- See the price list for more details.



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