

Q-FRONT (EDI) PURE

The compact and user-friendly Q-Front (EDI) Pure systems are highly recommended as the pure water source in your laboratory, providing Grade 2 water for a wide range of general laboratory applications.

The Q-Front EDI Pure systems purify the incoming feed water by electrodeionization technology, which is the most cost-effective long-term solution due to reduced running costs, as no deionization cartridges have to be replaced.

The conventional Q-Front Pure system is equipped with deionization cartridge to obtain pure Grade 2 water.



SPECIFICATIONS

	Q-Front EDI Pure	Q-Front Pure
Grade 2 water resistivity at 25 °C	10.0 ... 5.0 MΩ x cm	
Grade 2 water conductivity at 25 °C	0.1 ... 0.2 μS/cm	
Particles >0.22 μm	<1/ per mL	
TOC	<30 ppb	
Nominal flow to storage tank	5 / 10 / 15 L/h	
Data interface	RS 232	
Dimensions (WxDxH), cm	35x39x54	
System weight, kg	16	14
Operation weight, kg	18	16
Feed water pressure	0.4 - 6 bar	

DESCRIPTION

	Q-Front EDI Pure	Q-Front Pure
Water type	pure water (Grade 2)	
Display	colour graphic LCD display	
Water quality sensor	•	•
TOC Monitor	-	-
Volumetric dispense	-	-
Dispenser	-	-
Connection to Flow point	-	-
Deionization technology	EDI	ion exchange
Storage tank	required, not included	
Installation	installable on a laboratory bench	

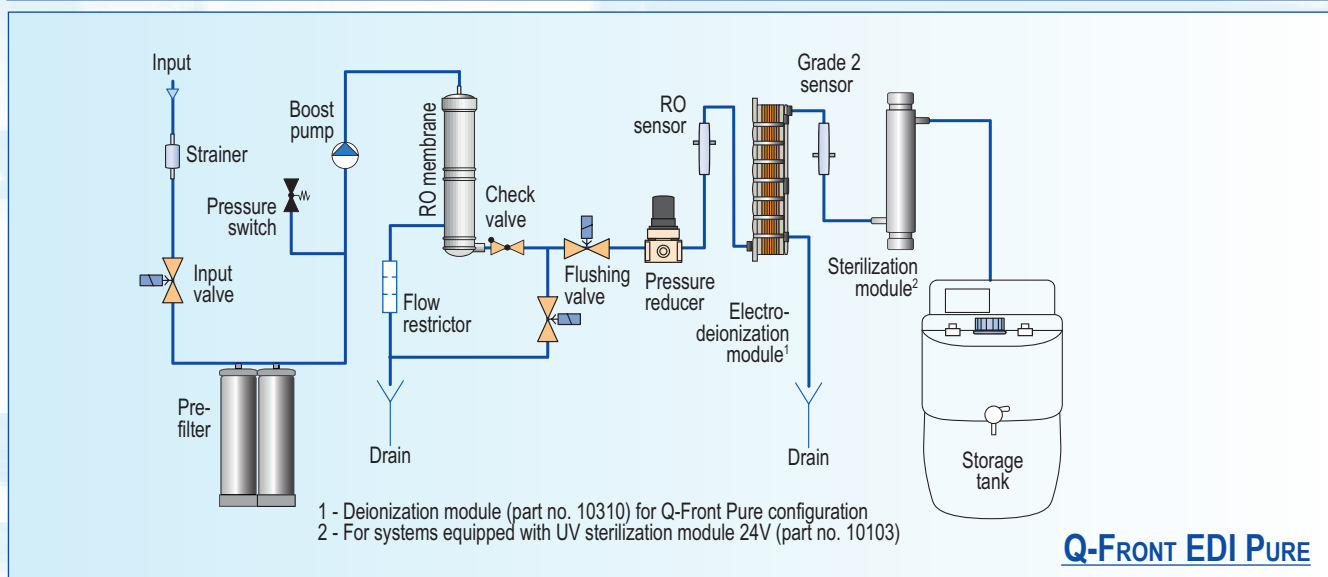
ORDERING INFORMATION

Model	Part number
Q-Front 5 EDI Pure	QF-4100
Q-Front 10 EDI Pure	QF-4200
Q-Front 15 EDI Pure	QF-4300
Q-Front 10 Pure	QF-3200

CONSUMABLES

Part number	Description	Replacement criteria	Comments
10410	Pre-filter module	If the filters are clogged or every 6 months	
10310	Deionization module	Grade 2 water conductivity is $>0.5 \mu\text{m/cm}$ constantly or every 12 months	Non-EDI configuration only
10017	Sterilization UV bulb	2 years on average	"Bio" configuration

FLOW DIAGRAM



Q-FRONT EDI PURE