

# CRYSTAL EX DOUBLE FLOW



The Crystal EX Double Flow system produces pure (Grade 2) water.

The Crystal Double Flow water purification system is designed specifically for laboratories and applications with

high water consumption (30 l/day and more). The system includes a large capacity (8 L) deionization module, which reduces the operating costs of the system.

## Ordering information

Model	Part number
Crystal EX Double Flow	EX20-1002HC

## Specifications

Grade 2 water resistivity at 25 °C	>10 MΩ x cm
Grade 2 water conductivity at 25 °C	<0.1 μS/cm
Particles >0.22 μm	<1 per mL
Nominal flow, pure water (to storage tank)	20 L/h
Dimensions (WxDxH), cm	40x50x55
System weight, kg	26
Operation weight, kg	39
Feed water pressure	0.4 – 4 bar
Feed water conductivity	<1500 μS/cm

## Description

Water type	Grade 2 water
Application	<ul style="list-style-type: none"> <li>• flame spectrophotometry</li> <li>• inorganic analytical methods</li> <li>• electrochemistry</li> <li>• buffer preparation</li> </ul>
Display	Monochrome LCD
Conductivity sensor	•
TOC Monitor	-
Volumetric dispensing	-
Pressurized storage tank	Required, not included
Installation	Bench

## Consumables

Part number	Description	Replacement criteria	Comments
10410	Pre-filter module	If the filters are clogged or every 6 months	
10113	High-capacity deionization module	Grade 2 water conductivity is >0.5 μm/cm constantly or every 12 months	
10017	Sterilization UV bulb	As required (on average every 2 years)	Only systems with 10103 option

