

Ultrapure Water Systems Series Ultra Clear, Siemens AG

Series Ultra Clear

A convincing performance: The ultra-pure water systems of the Ultra Clear™ series and the floor version Ultra Clear™ Integra, optionally available with UV intensity measurement with TOC monitoring and volume-controlled water withdrawal.

With a small footprint, the Ultra Clear™ can be used as a benchtop unit or mounted to the wall. The flexible ultra-pure water dispenser allows you to use the water where you need it. Automatic self-cleaning function of the ultra-filter for long service life of the module. Water is withdrawn by means of a simple push on the withdrawal clamp, which automatically closes, or by means of the second clamp setting which is designed for bigger volumes. Volume-controlled withdrawal of water, the 24-hour circulation with extremely low noise level (<40 dba), a data output (RS 232) as well as different dispenser hose extensions (upon request) complete the scope of delivery of the new devices.

On request, the Ultra Clear™ is also available as Ultra Clear™ TWF (fed with drinking water) and with electrodeionization (Ultra Clear™ TWF EDI).

Technical Data:

Withdrawal rate l/min:	2
Conductivity at 25°C µS/cm:	0.055
Resistivity at 25°C MOhm-cm:	18.2
TOC content:	<1 / 5 to 10 (depending on unit version)
Rnase / Dnase:	- / free (depending on unit version)
Bacteria KbE/ml:	<1
Particles >0.2 µm per ml:	<1
Endotoxin content EU/ml:	- / <0.001 (depending on unit version)

Feed water specification:

Feed water pressure bar:	0.1 – 5
Input conductivity max. µS/cm:	<20
TOC content ppb:	<50
Electrical connection V/Hz:	100 – 240 / 50 – 60
Unit dimensions, HxWxD mm:	530 x 340 x 320

Article	Order No.
Ultra Clear™	93 89 32001
Ultra Clear™ UV	93 89 32002
Ultra Clear™ UF	10 89 02103
Ultra Clear™ UV UF	10 89 02104
Ultra Clear™ UV TM	10 89 02105
Ultra Clear™ UV UF TM	10 89 02106

Supplied complete with first module and Filter set.

Some Ultra Clear™ systems are also available as floor unit „Ultra Clear™ Integra“! Contact us to ask for details!

Accessories/Consumables

Article	Order No.
Deionization module VMD for applications in the inorganic range	93 89 02050
Pretreatment module DTO for applications that need low TOC	10 89 02094
Polishing module MFIID for applications in the low TOC range	93 89 52051
Polishing module ILT for inorganic applications	10 89 02092
Sterile filter 0.1 µm, 1000 cm ²	93 89 52052
Disinfection kit (pack of 3)	10 89 02055
UV replacement bulb, for systems without TM	10 89 02068
UV replacement bulb, for systems with TM	10 89 02069
Ultrafiltration module Preventor 5000	10 89 02058

