

WATER STILLS

DEST-4

standard water stiller with integrated low-water cut-out, continuous production of high pure water, free of dissolved metals and pyrogens

Specification:

Distillate flow rate	aprox 4 l/h
Conductivity of distilled water (20 °C)	2,5 µS/cm
Wattage:	2.600 W
Heater element:	Silica heater
Material of glass parts:	Borosilicate glass 3.3
Water consumption:	aprox 60 l/hr
Weight:	aprox 4,5 kg

Code	Description
BOE 8704000	DEST-4, 220 V



DEST-4

DEST-4M

reliable water stiller with stainless steel boiler and element and borosilicate condenser. Integrated low-water cut-off, water inlet & flow regulator, continuous production

Specification:

Distillate flow rate:	aprox 4 l/h - for 110V aprox 3 l/h
Conductivity of distilled water (25 °C):	3 µS/cm
Wattage:	3.000 W
Heater element:	Stainless steel (AISI 304)
Material of glass parts:	Borosilicate glass 3.3
Safety:	Low Water & Over Heating Cut-Off
Water consumption:	aprox 50-60 l/hr
Weight:	aprox 2,5 kg

Code	Description
BOE 8704100	DEST-4M, 220 V
BOE 8704101	DEST-4M, 110 V



DEST-4M

BOECO WS 3500 / WS 7500

Stainless steel water still with low-water and over heating cut-out

Specification:	WS 3500	WS 7500
Distillate flow rate:	aprox 3,5 l/h	aprox 7,5 l/h
Conductivity of distilled water (20 °C):	aprox 2,5 µS/cm	
Heater:	3 KW	6 KW
Cooling water:	aprox. 30 l.	aprox. 60 l.
Material: Inner part:	Stainless steel	
Outer part:	Stainless Steel & Powder Coating	
Switch:	Main Power with Pilot lamp and Water flow switch	
Sealing:	Silicone Gasket	
Safety:	Low Water & Over Heating Cut-Off	

Code	Description
BOE 8703500	WS 3500, 220 V
BOE 8703501	WS 3500, 110 V
BOE 8707500	WS 7500, 220 V



BOECO WS 3500 / WS 7500

WATER PURIFICATION

LABORATORY WATER PURIFICATION SYSTEM BOECOpure

laboratory system for direct connection to the tap for purified water according to ASTM Type I and Type /II

ASTM Type I Ultrapure water applicable for

Molecular biology, microbiology, PCR, inorganic and organic trace analysis
HPLC, ICP, TOC-analyses

ASTM Type II Ultrapure water applicable for

Rinsing laboratory glassware, Preparing and diluting buffers, reagents, tissue culture media and deyses.

Sample preparation for analytical methods such as flame AAS

The BOECOpure is a compact complete system that produces 6 litres of ultrapure water per hour. The build-in 6 litre tank for ultrapure water has a conical bottom for complete emptying. It is equipped with a sterile vent filter and a pressure pump for supplying equipment connected downstream (e.g autoclaves, analyzers). If required, a flexible dispenser with a sterile filter can be connected to the tank.



▶ Powerful performance

Permeate flow 6 l/h
Flow rate 1,0 l/min

▶ Lasting economy

Water purification progresses through separate modules, each with quick connects for simple individual replacement

▶ Module 1

Pretreatment module with integrated reverse osmosis membrane

▶ Module 2

Cartridge containing high-quality ultrapure resins with very long service intervals

▶ Easy to operate

Just turn the dispense button to get ultrapure water
Ultrapure water quality is ensured by the limiting value input
RS 232 interface
The display can be tilted to your optimal reading position

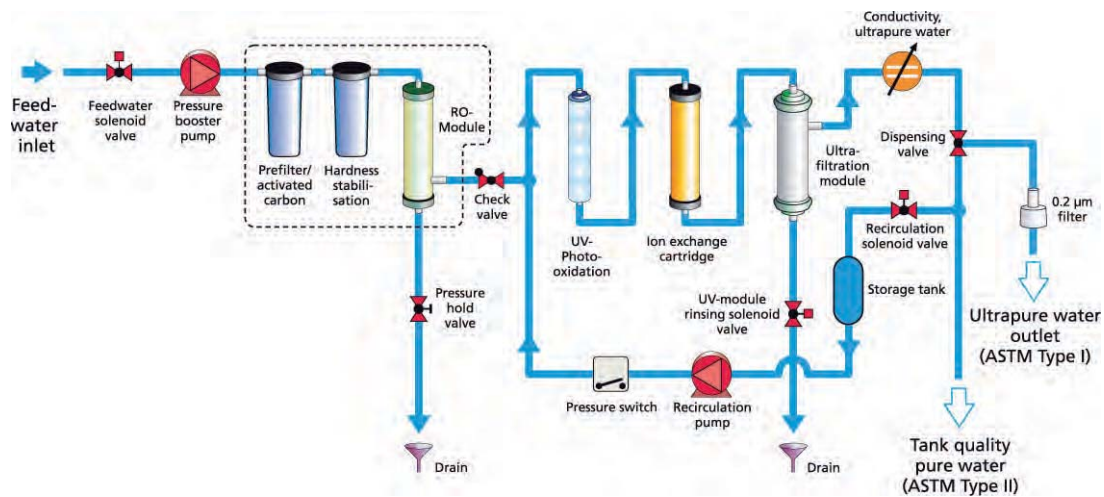
▶ Placement anywhere

Stand it on the laboratory bench
Mount it on the wall



EASY REPLACEMENT OF CARTRIDGES
DUE TO QUICK CONNECTS

BOECOpure UV/UF Flow chart



Specification:	BOECOpure	BOECOpure UF	BOECOpure UV	BOECOpure UF/UV
Permeate Performance at 15°C:			6 l/h	
Flow rate:	1.0 l/min	0.6 l/min	1.0 l/min	0.6 l/min
Operating pressure in bar, min/max			1-6 bar	
ASTM I conductivity:			0.055 µS/cm	
Resistance at 25°C:			18.2 MΩxcm	
TOC Value:	5-10 ppb	5-10 ppb	1-5 ppb	1-5 ppb
Bacterial content in CFU/ml:			< 1	
Particle content:			< 1	
Endotoxines in EU/ml			0.005	
ASTM II conductivity:			0.067-0.1µS/cm	
Resistance at 25°C:			15-10 MΩ x cm	
Supply voltage:			Automatic voltage regulation to 24 V	
Power consumption:			0.06 kW	
Connector size:			R 2/4"	
Dimensions, W x D x H mm			305 x 400 x 545	
Weight:			22 kg	

The BOECOpure UF is supplemented with a ultrafilter

The BOECOpure UV is supplemented with UV-oxidation, 185/254 nm

The BOECOpure UF/UV is supplemented with a ultrafilter and UV-oxidation, 185/254 nm

Code	Description
BOE 8082060	BOECOpure standard
BOE 8082061	BOECOpure UF
BOE 8082062	BOECOpure UV
BOE 8082063	BOECOpure UF/UV

Accessories

Code	Description
BOE 8092212	Wall-mount
BOE 8092006	Pretreatment module with RO-membrane, 6 l/h
BOE 8091020	Ultrapure water cartridge
BOE 8091003	Sterile filter
BOE 8220091	Vent filter for tank

optional

The pre-treatment pack for BOECOpure protects the reverse osmosis module against particulates, dirt, and colloids. The complete pack consists of one filter housing with wall mount, one 1 µm cartridge and 2 x 1.5 m hose with R 3/4 connectors

Code	Description
BOE 8094003	Pre-treatment pack for BOECOpure
BOE 8065101	Replacement, Pre-filter insert

