

Total Service for Customer,
The Leading Partner of Bioscience Technologies

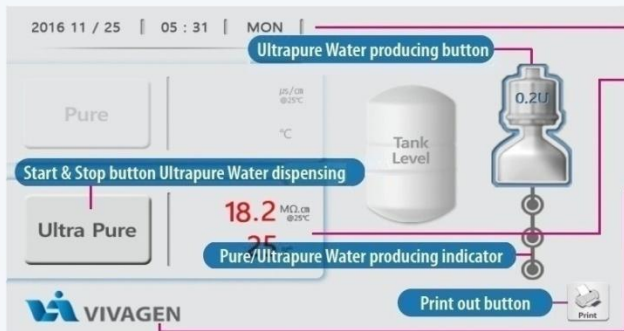


We are searching for pureness,
overcoming limitness

EXL[®]5
Lab Water System

Touch Screen (5")

For ease of use, the system is installed touch screen and provides intuitive information.



Time & Date

Year/Month/Day/Hour/Minute/Day of the week

Status Indicator

Displays conductivity, Temperature

System controlled operation has pop-up message whenever it is out of range set point under monitoring in real time.

Menu (System information indicator)

Displays Model, S/N, Software version, Setting.

Displays Filter Information

Enable to view the filter usage, available time, and total output.

POU (Point Of Use Gun) Option

Built in quantitative sampling function to produce off Ultrapure Water as much as user wants. (0.1L ~ 99.9L units)

UV LAMP installed by default

EXL® 5 has a UV Lamp installed by default, which can produce Ultrapure Water with extremely low level of organic substances. Monitor the status of UV Lamp operation to maintain optimal condition.

Setting and Monitoring the Water quality

Real-time monitoring of water quality for UltraPure® Water during production, and notifies by alarm whenever it is out of range set point.

Pump Monitoring

Real-time monitoring of the status of pump during working, and notifies by alarm when abnormality occurs.

Total Usage

Enable to confirm total output of Ultrapure Water

Fast Flow Rate

Ultrapure Water: Up to 120L/hour.

Leakage Detector

A leakage detector is installed in and out of the equipment by default to secure the safety.

EXL® 5 UBio

ASTM Type I Grade

- Molecular biology • PCR • DNA sequencing • Cell culture • Media preparation • Microbiology • Ultra-trace and trace-organic and organic analysis • HPLC • GC-MS • ICP-MS • TOC analysis
- In-vitro fertilization • Electrophoresis • Monoclonal antibody production • Ion chromatography • Solid phase extraction • Electrochemistry

EXL® 5 Lab Water System Ultrapure Water Quality

Series	Ultrapure							Flow Rate
	Resistivity (at 25°C)	* TOC	** Bacteria	*** Endotoxin	*** RNases (RNase-free)	*** DNases (DNase-free)	Particles (@0.2µs)	
	MΩxcm	ppb	CFU/mL	EU/mL	pg/mL	pg/mL	/ml	(l/min)
EXL® 5 UBio	18.2	<5	< 0.01	<0.001	< 1	< 5	< 1	Up to 2

* TOC specs - Test Conditions: EXL® System equipped with DI cartridge, feedwater produced by EXL® Pure Plus system with resistivity > 1 MΩ.cm at 25 °C, TOC < 30 ppb. Product water quality may vary due to local feed water conditions.

** Results with 0.2 Final Filter. *** Results with Ultra Filter polisher in place.

Feed Water Quality

Temperature	Conductivity (at 25°C)	TDS	TOC	Input Pressure	VIVAGEN Pure Water System Pure, Pure Plus or Distilled, RO water
°C	µS/cm	ppm	ppb		Recommended
2 ~ 30	< 100	< 50	< 50	0.5 ~ 6.9 bar, Recommended > 2 bar	

Specifications

	EXL® 5 UBio
Power	220~240VAC/ 50/60Hz (100W)
System Weight	34kg
System Dimension	375 (W) X 600 (D) X 600 (H) mm
Packing Dimension	500 (W) X 700 (D) X 800 (H) mm
Operation Temperature & Humidity Range	2~35 °C / Under 80% Relative Humidity
Storage Temperature & Humidity Range	5~35 °C / Under 80% Relative Humidity



Founded in 2003, Vivagen Co., Ltd. is the company which consists of experts who have more than 10 years of experience in sales, marketing and R&D.

Our products consist of self-developed Pure & Ultrapure integrated water system (EXL® Series), Gas control module for cell culture (EXL® Navigator), Transfection Reagent (VivaMagic), Taq Polymerase and Marker. The patent of Lab Water System is registered with Korean Intellectual Property Office in Oct. 2010. In 2016, we released new product, EXL®7.

Vivagen Co., Ltd. provides differentiated services to customers in various experiments such as filtration, purification, concentration, incubation and analysis.

We are sure our expertise and technical know-how help customers solve their complex problems and achieve their goals.

Ordering Information

Order No.	Description	Type
System		
EXL®5 UBio	EXL®5 UBio Ultrapure Water System(w/UV lamp)	I Grade
Option		
LM-EXL-Printer	Printer for EXL5&7	
LM-EXL-POU	Piont of use gun Pure or Ultra Pure for EXL5&7	
LM-EXL-FW	Foot Switch EXL5&7	
Consumables		
LM-HCT-DI	DI Cartridge#1 & #2 for EXL3&5 (each 2ea/pk)	
LM-EXL-UV	UV Lamp for EXL3&5&7	
LM-HCT-UF	UF Membrane for EXL3&5	
LM-FINAL	0.2u Final filter for EXL3&5&7	



Suite 618, Seongnam Woorim Lions Valley I, 27, Dunchon-daero 457beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea, 13219
Tel) +82-31-737-2080 Fax) +82-31-737-2083 / Visit us at www.VIVAGEN.co.kr
E-mail : vivagen@vivagen.co.kr / Shopping Mall: www.vgmall.co.kr

2018 VIVAGEN All right reserved. This product or document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this product or document may be reproduced in any form by any means without prior written authorization of VIVAGEN and its licensors, if any. Products shown on this catalog are subject to change without any prior notice.