

—Classic



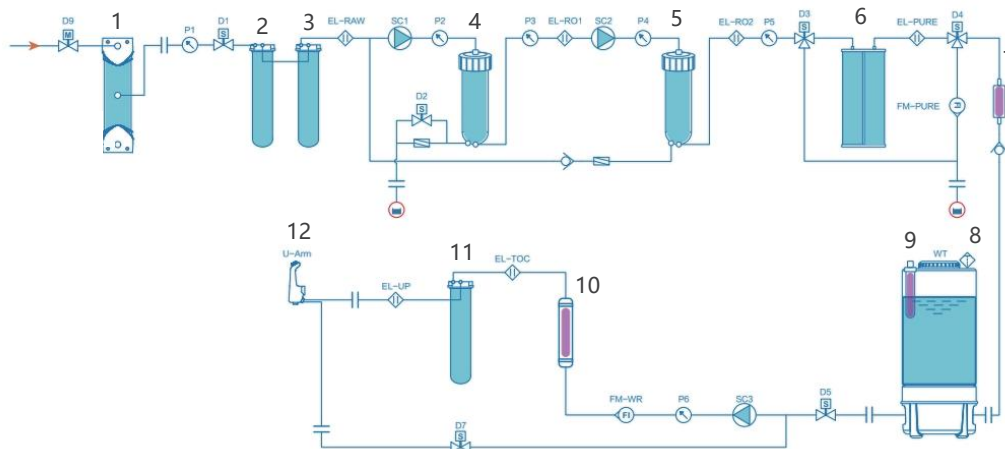
Classic DU15 / Classic DU20 / Classic DU25

Unique features

All-in-one system

- ASTM Type I & Type II water/Clinical laboratory reagent water (CLSI)
- On line real time TOC monitoring
- Dual wavelength UV lamp 254nm & 185nm, Pure water mercury-free UV lamp 265nm
- U-cloud platform for remote monitoring (Wifi module)
- DI resin module
- USB access port for data logging

Water Flow Chart



1. Pre-treatment module
2. Pre-guard cartridge A
3. Pre-guard cartridge B
4. First stage RO membrane

5. Second stage RO membrane
6. DI module
7. Mercury-free UV lamp 265nm
8. Water tank air filter

9. Water tank UV lamp 254nm
10. UV lamp 185 & 254 nm
11. Ultra purification cartridge
12. Type I water dispenser arm



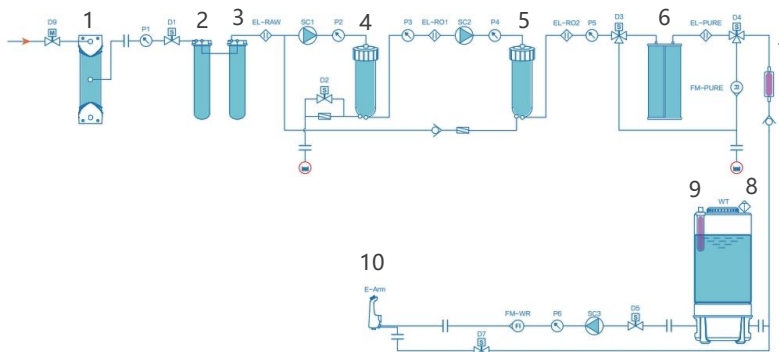
Classic D15 / Classic D20 / Classic D25

Unique features

- Integrated water dispenser arm
- U-cloud platform for remote monitoring (Wifi module)
- DI resin module
- USB access port for data logging
- Pure water mercury-free UV lamp 265nm

ASTM Type II high purified water system
Clinical laboratory reagent water (CLSI)

Water Flow Chart



1. Pre-treatment module
2. Pre-guard cartridge A
3. Pre-guard cartridge B
4. First stage RO membrane
5. Second stage RO membrane
6. DI module
7. Mercury-free UV lamp 265nm
8. Water tank air filter
9. Water tank UV lamp 254nm
10. Type II water dispenser arm

Main configurations	All-in-one system			Type II water		
	DU15	DU20	DU25	D15	D20	D25
Pre-treatment module		YES			YES	
Main host		YES			YES	
Pre-guard cartridge A		YES			YES	
Pre-guard cartridge B		YES			YES	
Two-stage Reverse Osmosis		YES			YES	
DI resin		YES			YES	
Water tank; stepless water level sensor		YES			YES	
254nm UV light of water tank		YES			YES	
Inlet air filter of water tank		YES			YES	
Water leakage protection sensor		YES			YES	
TOC monitoring		YES			NO	
Dual wavelength (254nm & 185nm)UV-lamp		YES			NO	
Pure water UV lamp (265nm)		YES			YES	
Ultra purification cartridge B		YES			NO	
One integrated water dispenser arm		YES			YES	
0.22 μm end filter		YES			YES	

*Optional ultra purification cartridge A special for semiconductor industry that has higher deionization requirements

Model	All-in-one system			Type II water		
	DU15	DU20	DU25	D15	D20	D25
Feed water requirement						
Source	Potable tap water					
Conductivity	< 2000µS/cm					
TOC	< 1ppm					
Hardness*	< 300ppm					
Pressure	0.1~0.4Mpa					
Temperature	4~45 C					
pH	5-9					
Total chlorine	< 3ppm					
Residual chlorine	< 2ppm					
SiO ₂	< 30ppm					
Type II high purified water						
Resistivity at 25 C **	> 8MΩ.cm; typically 10-15MΩ.cm					
Conductivity at 25 C **	Typically 0.1µS/cm					
TOC	< 30ppb(µg/L)					
Particulates with size > 0.22µm***	< 1pc/µL					
Bacteria***	< 0.01cfu/mL (< 10cfu/L)					
RO rejection	≥ 99%					
EDI ion rejection	≥ 99%					
Production flow rate	15L/H	20L/H	25L/H	15L/H	20L/H	25L/H
Type I ultra purified water						
Resistivity at 25 C	18.2MΩ.cm			N/A		
Conductivity at 25 C	0.055µS/cm					
TOC	≤ 2ppb(µg/L)					
Particulates with size > 0.22µm ***	No particles					
Endotoxin (Pyrogens) ***	< 0.001EU/mL					
Bacteria ***	< 0.01cfu/mL (< 10cfu/L)					
Rnase/Dnase***	—					
Proteases***	< 0.15µg/mL					
Manual control water flow rate	Maximum 2L/min, stepless control of flow rate					
Quantitative water dispense range	0.01L ~ 60L					
Electrical requirement						
Electrical voltage	110V/220V ± 10%					
Electrical frequency	50Hz/60Hz					
Power	135W					
Size information						
Net Weight						
Pre-treatment module				5.9kg		
Main host with dispenser arm	25.6kg			24.6kg		
30L Water tank				10.6kg		
60L Water tank				12.2kg		
100L Water tank				13.6kg		
External Dimension (WxDxH)						
Pre-treatment module	180×215×430 (mm)					
Main host with dispenser arm	330×545×605 (mm)					
30L Water tank	410×410×695 (mm)					
60L Water tank	410×410×935 (mm)					
100L Water tank	410×410×1245 (mm)					
Packing information						
Gross Weight						
Accessory	13kg					
Main host with dispenser arm	36kg					
30L Water tank	12.5kg					
60L Water tank	15.1kg					
100L Water tank	16kg					
Packing Dimension (WxDxH)						
Accessory	400×780×280 (mm)					
Main host with dispenser arm	420×630×790 (mm)					
30L Water tank	420×420×770 (mm)					
60L Water tank	420×420×1010 (mm)					
100L Water tank	420×420×1320 (mm)					

* If the tap water contains a high rate of calcium ions and magnesium ion which do not meet the requirement, please use salty box to remove part of calcium ions and magnesium ion in advance

** Resistivity typically 10-15MΩ.cm at 25 C, Conductivity typically 0.1µS/cm, at 25 C

*** Feed water quality should meet above requirements and purified water through the remote water dispenser with end filter