



UPW-Q Series

| Water Purification

☰ Details Info

Features:

The feed water quality will influence the pure water's quality and cartridges' life-span.

PF:polypropylene spun fiber, KDF:kinetic degradation fluxion, AC:active carbon, RO:reverse osmosis,

DI:ion exchange, UV:ultraviolet, TF:terminal microfiltration.

All the specifications are tested under the situation: feed water's TDS=200ppm, 25°C, 50psi and 15% recovery rate.

Application:

Feed of ultrapure water system

Microbiological analysis

Sample dilution and reagent preparation

Chemical and qualitative analysis

Spectrum measurement

Disposing of buffer, medium

Feed of autoclave sterilizer , biochemical analyzer , immunoassay analyzer , constant temperature and humidity chamber , salt spray test chamber ,dampening machine and etc.

Spectrum measurement

Glassware washing

Water analysis and universal HPLC

Specification:

Model	UPW-15Q	UPW -15QUT	UPW -30Q	UPW -30QUT
Feed water requirements*	Tap water: TDS<200 ppm, 5-45°C, 1.0-4.0Kgf/cm ² (Extra pretreatment filter is recommended, if TDS>200ppm)			
Flow procedure**	PF+KDF+AC+RO +AC+DI	PF+KDF+AC+RO +AC+DI+UV+TF	PF+KDF+AC+RO +AC+DI	PF+KDF+AC+RO +AC+DI+UV+TF
Deionized water quality:				
Resistivity	>16-18.2MΩ.cm			
Heavy metal ion	<0.1ppb			
Bacteria	N/A	<0.1cfu/ml	N/A	<0.1cfu/ml
Particle(>0.2µm)	N/A	<1/ml	N/A	<1/ml
RO water quality:				
Ion rejection rate	96%-99% (New RO membrane)			
Organic rejection rate	>99%, when MW>200 Dalton			
Particles and bacteria rejection rate	>99%			
Output(25°C)***	15 liters/hour		30 liters/hour	
Flow rate	2.0 liters/minute(with pressure tank)			
Pure water outlet	2: RO water, deionized water			
Dimension/Weight	Length×Width×Height:500×360×540mm/ Weight: about 22Kg			
Electric requirements	AC110-220V, 50/60Hz, 120W			
Standard configuration	Main body (Including 1 set of cartridges)+15 liters tank+ accessory bag			

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