

Puris[®]

Water Purification Systems for the advanced laboratory

Puris, Pure and Ultrapure Water Systems

- For biomedical laboratories
- For using of large capacity
- For various applications



Puris, Excel-EDI Water Systems

Features and Applications

- Produces Type II water which meets the standards of the CLSI(Clinical Laboratory Standards Institute).
- Applicable to analysis of clinical,diagnostic test such as CLRW(Clinical Laboratory Reagent Water) and SRW(Special Reagent Water).
- Economizes on costs of maintenance by using EDI(Electrical De-Ionization) Module.
- Easy installation,operating and maintenance.
- Certified ISO9001,14001 and NEP.



Specifications

Item \ Model	Excel-EDI Med35	Excel-EDI Med65	Excel-EDI Med115
Flow Rate	35L/Hr	65L/Hr	115L/Hr
Product Quality <ul style="list-style-type: none"> - Resistivity - TOC - Bacteria - Particules (0.2µm) - Silica 	<ul style="list-style-type: none"> >15MΩ-cm < 30ppb < 1cfu/ml (*) < 1ea/ml (*) < 5ppb 		
System Monitoring & Display	<ul style="list-style-type: none"> • Product Conductivity & Resistivity • Operating for delivery (*) • Water temperature • Cleaning timer for RO Membrane • Automatic drain to prevent low quality. • Warning&Alarm messages to change filters, UV Lamp or errors. 		
Utilities <ul style="list-style-type: none"> - Electrical Power(watt) - Dimension(mm) - Operating Weight(kg) 	220V, 4A, 880W		220V, 5A, 1100W
	W510 × D450 × H790		W510 × D450 × H1040
	45	50	76



Display

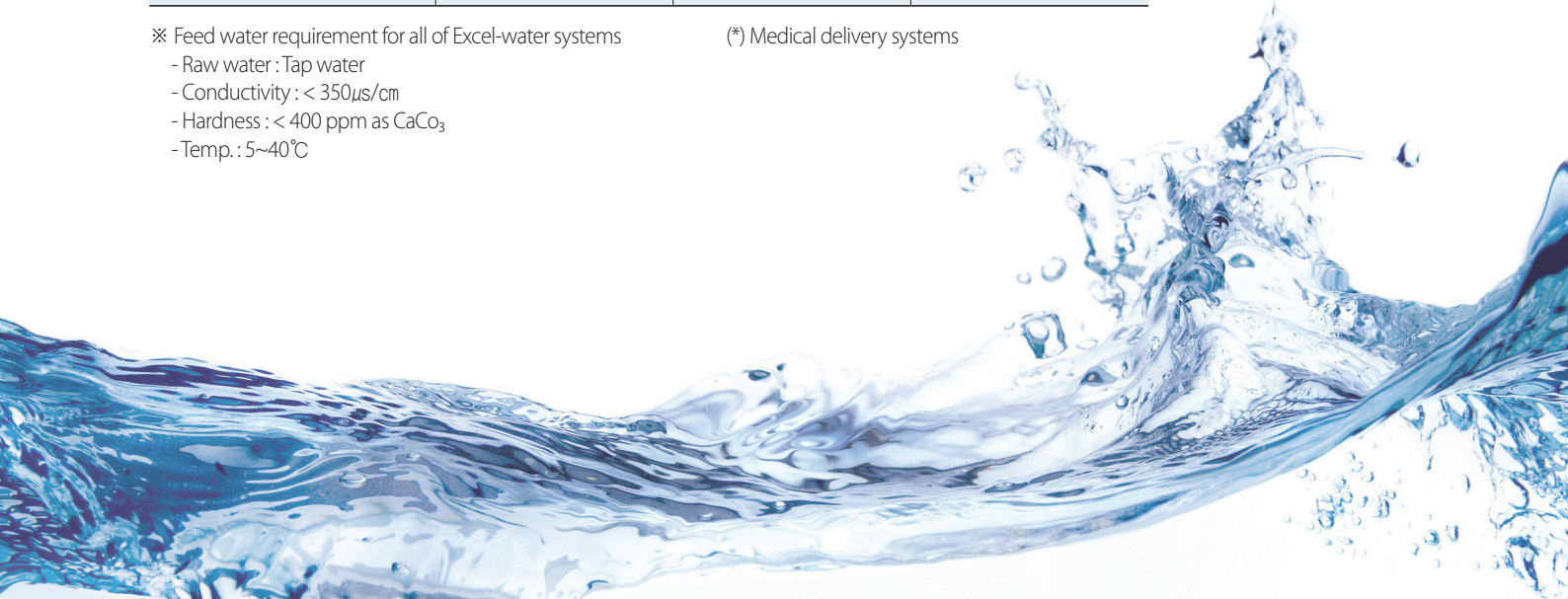


Reservoir, 35L

※ Feed water requirement for all of Excel-water systems

- Raw water : Tap water
- Conductivity : < 350µs/cm
- Hardness : < 400 ppm as CaCO₃
- Temp. : 5~40°C

(*) Medical delivery systems



Puris, Excel-EDI Water Systems



Specifications

Item	Model	Expe-RO EDI 15
<ul style="list-style-type: none"> Flow Rate 		15L/Hr
<ul style="list-style-type: none"> Product Quality <ul style="list-style-type: none"> - Resistivity - TOC - Bacteria - Particules (0.2µm) - Silica 		>15MΩ-cm < 30ppb < 1cfu/ml (*) < 1ea/ml (*) < 5ppb
<ul style="list-style-type: none"> Utilities <ul style="list-style-type: none"> - Electrical Power - Dimension(mm) - Operating Weight(kg) 		220V, 3.5A, 770W W330 × D455 × H510(Main) 20kg



(*) Medical delivery systems

Puris, Excel-Post Water Systems

Features and Applications

- Produces Type II water which meets ASTM, CAP and NCCLS standards
- Water supply for Medical Biochemistry Analyzer and rinsing water for bio-engineering equipment and semiconductors
- Saving space and easy installation, maintenance.
- Certified ISO9001, 14001 and NEP.



Specifications

Item	Model	Excel-Post Med55	Excel-Post Med85	Excel-Post Med150
<ul style="list-style-type: none"> Flow Rate 		55L/Hr	85L/Hr	150L/Hr
<ul style="list-style-type: none"> Product Quality <ul style="list-style-type: none"> - Conductivity - Resistivity - TOC - Bacteria - Particules (0.2µm) 		1-20µs/cm 15~18.2MΩ-cm < 10ppb (*) < 1cfu/ml (*) < 1ea/ml (*)		
<ul style="list-style-type: none"> System Monitoring & Display 		<ul style="list-style-type: none"> Product Conductivity & Resistivity Operating for delivery (*) Cleaning timer for RO Membrane Automatic drain to prevent low quality. Warning&Alarm messages to change filters, UV Lamp or errors. 		
<ul style="list-style-type: none"> Utilities <ul style="list-style-type: none"> - Electrical Power(watt) - Dimension(mm) - Operating Weight(kg) 		220V, 3A, 660W		220V, 4A, 880W
		W510 × D450 × H790		W510 × D450 × H1040
		51	52	78



Display



Med-Post Pack

(*) Medical delivery systems

Puris, Excel-RO Water Systems

Features and Applications

- Produces Type III water in large capacity BUT easy installation and maintenance.
- Used as feed water for ultra-pure water (Type I), rinsing laboratory equipments and various chemistry tests.
- Certified ISO9001, 14001 and NEP.



Specifications

Item	Model	Excel-RO Med55	Excel-RO Med85	Excel-RO Med150
■ Flow Rate		55L/Hr	85L/Hr	150L/Hr
■ Product Quality		1-20 μ s/cm		
■ Display		Wide graphic LCD (128 x 64 digits)		
■ System Monitoring & Display		<ul style="list-style-type: none"> • Product Conductivity • Feed water temperature • Cleaning timer for RO membrane • Automatic drain to prevent low quality. • Warning&Alarm messages to change filters and display errors 		
■ Utilities				
- Electrical Power(watt)		220V, 3A, 660W		220V, 4A, 880W
- Dimension(mm)		W510 x D450 x H790		W510 x D450 x H1040
- Operating Weight(kg)		42	44	68



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