Technical Data Sheet

TRILITE® TU-04

EDI(Electrodeionizer)

Rev 3. Feb 2023

TRILITE® TU-04 can produce UPW(Ultra pure water) stably showing the best performance in removing Silica and Boron.

Product Specification			
Capacity(㎥/hr)	4~6	DC Voltage(V)/ Amperage(A)	0~500V / 0~6A
Recovery(%)	95 ↑	Pressure Drop(kgf/㎠)	2.5 ↓
Product Resistivity(MΩ·㎝)	17.5 ↑ (Inlet<5㎲/㎝:2-Pass RO) 18.0 ↑ (Inlet<1㎲/㎝:DI Water)	Silica/Boron Removal	99% ↑
Sodium/Chloride Removal	99.9% ↑	Size	470㎜ID × 1,095㎜L
Weight(kg)	Empty : 200 Oper. : 300	Material	Body : Glass Reinforced Plastic (GRP)

Recommended Operating Conditions			
Feed Water Conductivity	< 10㎲/㎝ (CO2 < 1.25 ppm, Silica < 0.2 ppm)	Inlet Pressure	10kgf/㎠ ↓
Inlet Temperature	20~45℃ (Nor. 25℃)	Inlet pH	4~11

Applications

TRILITE® TU-04 is widely used in UPW(Ultra pure water) manufacturing facilities such as semiconductors and industrial plants.

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Samyang's TRILITE Ion exchange resins are produced based on the ISO 9001, ISO 14001 certification.
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