

# TRILITE® TU-10

EDI(Electrodeionizer)

Rev 3. Feb 2023

TRILITE® TU-10 can produce UPW(Ultra pure water) stably showing the best performance in removing Silica and Boron.

## Product Specification

Capacity(m <sup>3</sup> /hr)	10~13	DC Voltage(V)/ Amperage(A)	0~500V / 0~6A
Recovery(%)	95 ↑	Pressure Drop(kgf/cm <sup>2</sup> )	2.5 ↓
Product Resistivity(MΩ·cm)	17.5 ↑ (Inlet<5μs/cm:2-Pass RO) 18.0 ↑ (Inlet<1μs/cm:DI Water)	Silica/Boron Removal	99% ↑
Sodium/Chloride Removal	99.9% ↑	Size	470mmID × 2,110mmL
Weight(kg)	Empty : 360 Oper. : 500	Material	Body : Glass Reinforced Plastic (GRP)

## Recommended Operating Conditions

Feed Water Conductivity	< 40μs/cm (CO <sub>2</sub> < 5 ppm, Silica < 0.5 ppm)	Inlet Pressure	10kgf/cm <sup>2</sup> ↓
Inlet Temperature	5~45°C (Nor. 25°C)	Inlet pH	4~11

## Applications

TRILITE® TU-10 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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