


## INOSP-N Series ASTM Type I Ultrapure Water Systems

Model	INOSP-N	INOSP-NT	INOSP-NE	INOSP-NET
<b>Feed Water Requirement</b>				
Source	Tap Water			
Conductivity*	<2000us/cm			
Hardness**	<450ppb as CaCO3			
Pressure	0.05 - 0.5MPa (7-72psi)			
Temperature	5 - 40°C			
<b>Purification Water(Class III)</b>				
Ionic Rejection	>95%			
Bacteria Rejection	>99%			
Conductivity	1 - 20us/cm			
Productivity Rate	30L/h			
<b>High Quality Purification Water(Class II)</b>				
Resistivity At 25°C	/	/	10MΩ.cm	10MΩ.cm
TOC	/	/	<30ppb	<30ppb
Dissolved Organic	/	/	<0.1ppm	<0.1ppm
Productivity Rate	/	/	15L/h	15L/h
<b>Ultrapurification Water (Class I)</b>				
Resistivity At 25°C	18.2MΩ.cm			
Conductivity At 25°C	0.055us/cm			
TOC Level***	1 - 5ppb			
Endotoxin(Pyrogens)****	<0.001EU/ml			
Particulate (≥0.02um)	<1pc/ml			
Bacteria***	<0.1cfu/ml			
Rnase / Dnase**	Free			
Manual dispense flow rate	1.5 - 2.0L/min			
Automatic dispense volume	100 - 60000ml			
Power Supply	110/220V ±10% 50/60Hz			
Weight of Main Units (NxG)(Kg)	34 - 37	34 - 39	35 - 37	35 - 37
Weight of Water Tank (30L)	7 - 15			
Size of Main Units (WxDxH)(mm)	315x525x570			
Package Size of Main Units	525x610x770			
Size of Water Tank	380x380x595			
Package Size of Water Tank	520x440x615			



- \* If feed water quality is poor(Conductivity> 1000us/cm), strengthened pretreatment module and RO-2 type is highly recommended
- \*\* When hardness of feed water is high(>450ppm as CaCO<sub>3</sub>), 0.5T water soften is recommended
- \*\*\* Dual wave UV module need to be adopted. Also dependent on feed water, recommended feed TOC<30ppb
- \*\*\*\* Ultra-filtration module need to be adopted. Feed water need to be satisfied as above.



### Features;

The industry's most complete water purification solution for highly regulated applications.

When your application requires the ultimate in water purity, INOSP-N Series provides the perfect solution. Consistently delivering water purity of 18.2MΩ.cm and underpinned by the advanced technologies, the INOSP-N Series enables you to focus on attaining accurate results while ensuring an uninterrupted work flow.

1. Solenoid Valve
2. Conductivity Sensor
3. Pre-Treatment Module
4. Boost Pump
5. RO Module
6. Water Tank
7. Ball Valve
8. Dual Wave UV Cartridge
9. Ultra-Purification Module
10. Ultra-Filtration Cartridge
11. Point-of-Use Filter
12. Remote Water Dispenser
13. TOC Monitor Cell
14. EDI Module

