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INOSP-N Series ASTM Type I Ultrapure Water Systems

Model	INOSP-N	INOSP-NT	INOSP-NE	INOSP-NET
Feed Water Requirement				
Source	Tap Water			
Conductivity*	<2000us/cm			
Hardness**	<450ppb as CaCO3			
Pressure	0.05 - 0.5MPa (7-72psi)			
Temperature	5 - 40°C			
Purification Water(Class III)				
Ionic Rejection	>95%			
Bacteria Rejection	>99%			
Conductivity	1 - 20us/cm			
Productivity Rate	30L/h			
High Quality Purification Water(Class II)				
Resistivity At 25°C	/	/	<u>10MΩ.cm</u>	10MΩ.cm
TOC	/	1	<30ppb	<30ppb
Dissolved Organic	/	/	<0.1ppm	<0.1ppm
Productivity Rate	/	1	15L/h	15L/h
Ultrapurification Water (Class I)				
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

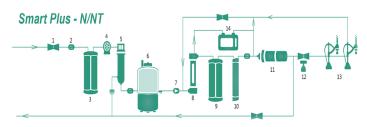
** When hardness of feed water is high(>450ppm as CaCO3), 0.5T water soften is recommended *** Dual wave UV module need to be adopted. Also dependent on feed water, recommended feed TOC < 30ppb

**** 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.

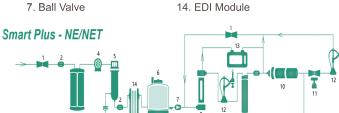
When your application requires the ultimate in water purity, INOSP-N Series provides the perfect solution. Consistently delivering water purity of 18.2MΩ.cm and underpinned by the advanced technologies, the INOSP-N Series enables you to focus on attaining accurate results while ensuring an uninterrupted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



- 1. Solenoid Valve
- 2. Conductivity Sensor

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- 3. Pre-Treatment Module
- 4. Boost Pump
- 5. RO Module
- 6. Water Tank



8. Dual Wave UV Cartridge 9. Ultra-Purification Module

- 10. Ultra-Filtration Cartrige
- 11. Point-of-Use Filter
- 12. Remote Water Dispenser 13. TOC Monitor Cell