INOVIALAB
TECHNOLOGY

INOS-RO Series ASTM Type III Pure Water Systems

INOS-RO, intelligent microprocessor controlled, large LCD display with high-precision sensors that provide the necessary measurements in the laboratory for provide pure water.

The reservoirs of INOVIALAB are designed with soft edges and the consistent purity of the stored water is maintained by means of a ventilated filtration. It also provides effective protection against airborne pollutants.

Features;

Intelligent microprocessor control.
High precision resistance sensor.
Large LCD display that shows the display system temperature, conductivity and resistance, water tank level, water ratio and other transaction information.
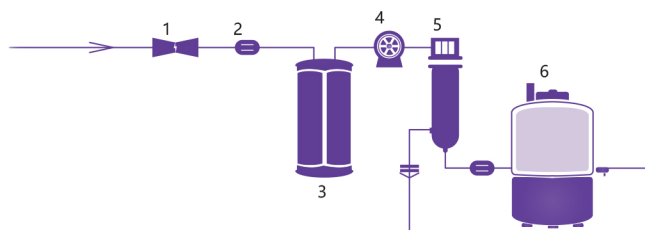
Technical Specifications;

Model	INOS-RO (Bench-Top)	INOS-RO (Floor-Type)
Type	RO-15 / RO-30	RO-50 / RO-100 / RO-150
Feed Water Requirement		
Source	Tap Water	
Conductivity*	<2000us/cm	
Hardness**	<450ppm 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 (RO-2 5us/cm)	
Productivity Rate	15L/h - 30L/h	50L/h - 100L/h - 150L/h
Power Supply	110/220V ±10% 50/60Hz	
Weight of Main Units	21kg - 34kg	74kg - 96kg
Weight of Water Tank (30L/60L)	5kg - 13kg	10kg - 13kg
Size of Main Units (WxDxH)	315x525x570mm	660x570x1160mm
Package Size of Main Units	525x610x770mm	640x680x1165mm
Size of Water Tank (WxDxH)	380x380x595mm	380x380x885mm
Package Size of Water Tank	520x440x615mm	510x430x895mm

* 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), 0.5 water soften is recommended.

SMART RO

1 Solenoid Valve	4 Boost Pump
2 Conductivity Sensor	5 RO Module
3 Pre-treatment Module	6 Water Tank