



triplered
WATER TECHNOLOGY

Technical Specification – Data Sheet
Water Purification System

Pico Water Systems

Complete all-in-one water system which provides Type 2 or Type 3 water with many unique features. It has low energy consumption, minimal water wastage and maximises the use of your laboratory space.

Model Specifications

Model	RO Make-up Rate (@ 15°C)	Inorganics Rejection Rate	Organics Rejection Rate	Bacteria Rejection Rate	PH	Daily Usage (Max)
PICO10T3	10lph	98%	>99%	99%	Effectively Neutral	60lpd
PICO20T3	20lph	98%	>99%	99%	Effectively Neutral	120lpd
PICO10T2	10lph	1-15MΩ-cm	>99%	99%	Effectively Neutral	60lpd
PICO20T2	20lph	1-15MΩ-cm	>99%	99%	Effectively Neutral	120lpd

- Tap to Type 2 or 3 Water
- Production Rate of 10lph **or** 20lph
- Low cost, one box solution
- Small footprint
- Energy consumption <60w*
- Touch-screen interface
- Unique disposable RO module & pre-treatment cartridge
- On-bench, or wall mounting **option** available
- Built-in 35 litre reservoir
- Minimal water wastage
- Simple cartridge replacement
- First consumables included with unit
- Mercury-free UV **option** available

Dimensions

Width	Height	Depth
485mm	500mm	330mm

Weight

Weight (Empty)
20kg

Energy Consumption

Model	Minimum Consumption*
PICO10T3	0.028kW
PICO20T3	0.039kW
PICO10T2	0.028kW
PICO20T2	0.039kW

*dependent on feed water pressure

Services required

- 3/4" BSP isolated cold water feed (washing machine tap/valve)
- 240 Volt, 13 Amp sockets
- Drain/up-stand with trap or sink/tundish

Feed Water Requirements

Pressure	Bar	0.1 – 5
Conductivity	µS-cm	<1400
Colloid Index	SDI	<3
Free-chlorine and Iron	Mg/l	0.1

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