

# type 2 water system

## with ultimate flexibility

Quick Look Comparison					
	Pacific TII 3 L/hr system	Pacific TII 7 L/hr system	Pacific TII 12 L/hr system	Pacific TII 20 L/hr system	Pacific TII 40 L/hr system
Pure water production at 15°C, L/hr	3	7	12	20	40
Resistivity at 25°C, MΩ·cm	15-10	15-10	15-10	15-10	15-10
Conductivity, μS/cm	0.067-0.1	0.067-0.1	0.067-0.1	0.067-0.1	0.067-0.1
TOC, ppb	<30	<30	<30	<30	<30
Removal, bacteria and particles, %	99	99	99	99	99
Silicate removal, %	> 99.9	> 99.9	> 99.9	> 99.9	> 99.9

## Technologies that produce high purity water —



### Reverse osmosis membrane

The high performance reverse osmosis membrane removes approximately 98% of inorganic ions and 99% of all dissolved organic substances as well as microorganisms and particles.

### High purity water cartridge

This cartridge further purifies the reverse osmosis permeate to produce high purity water as required by international standards (ASTM Type II, CAP, ISO 3696, BS 3997 and CLSI).

### UV lamp (UV version only):

The 254 nm UV transmission ensures optimal UV irradiation. Light of wavelength 254 nm acts as germicide.

### Recirculation

Recirculation of the water between the storage reservoir and Pacific TII is important for maintenance of the water quality. Water from the reservoir is cycled through the high purity water cartridge and the UV chamber, then back to the reservoir.