

High Purity Water Systems – Pacific RO/TII, Thermo Scientific

① Thermo Scientific Pacific RO

The direct way from drinking water to reverse osmosis water

Laboratory water supply for requirements of up to around 200 l/day. The Thermo Scientific Pacific RO produces reverse osmosis water from drinking water. Pacific RO is suitable for table or wall mounting. Matching the extensive product range permeate performances of 3, 7, 12, 20, and 40 l/h, there is a choice of three different tank sizes of 30, 60, and 100 liters.

High-purity water specifications:

Permeate line/flow rate l/h at 15°C: 3, 7, 12, 20 or 40

Retention of organic substances and particles: Ø 99%

Retention of inorganic substances: 98%

Technical data:

Dimensions (W×H×D): 372 × 603 × 330 mm
 Mains connection: 90-240 V/50 Hz, rubber connector 1.8 m
 Raw/supply water: Drinking water, 2-6 bar
 Feed water connection: Hose 1.5 m with 8 mm outside diam. and ¾" inner thread
 Waste water connection: ¼" or 8 mm diam. D, hose 2 m, unpressurized outlet
 Weight empty: max. 22 kg

Article	Order No.
Pacific RO 3	10 86 62004
Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	
Pacific RO 7	10 86 62007
Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	
Pacific RO 12	10 86 62012
Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	
Pacific RO 20	10 86 62020
Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	
Pacific RO 40	10 86 62040
Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	

Accessories on request.



② Thermo Scientific Pacific TII

The direct way from drinking water to reverse osmosis water (1 -10 MOhm) ASTM Type II

Laboratory water supply for requirements of up to around 200 l/day. The Thermo Scientific Pacific TII is a compact system which produces high-purity water (ASTM type II) from drinking water. Combining different treatment technologies such as pre-treatment, reverse osmosis, ion exchanger, adsorption, and an optional UV lamp, the Pacific TII produces high-purity water that surpasses even the most demanding quality standards such as ASTM II, CAP, ISO 3696, CLSI and Bi-Destillate. Pacific TII is suitable for table or wall mounting. Matching the extensive product range permeate performances of 3, 7, 12, 20, and 40 l/h, there is a choice of three different tank sizes of 30, 60, and 100 liters. The system can be easily upgraded to ensure extension of capacity for to meet an increasing demand for high-purity water. Ideal for supplying high-purity water systems, clinical analyzers, production of reagents/thinning agents, and for general chemical analyses.

High-purity water specifications ASTM type II:

Permeate line/flow rate l/h at 15°C: 3, 7, 12, 20 or 40

Conductivity in µS/cm: 0.1 – 0.067

Resistance in MΩ × cm: 10 – 15

TOC in ppb: < 30

Retention of bacteria/particles: 99%

Retention of inorganic substances: Ø 98%

Retention of silicate: >99.9%

Technical data:

Dimensions (W×H×D): 372 × 603 × 330
 Mains connection: 90-240 V/50 Hz, rubber connector 1.8 m
 Raw/feed water: Drinking water, 2-6 bar
 Supply water connection: Hose 1.5 m with 8 mm outside diam. and ¾" inner thread
 Waste water connection: ¼" or 8 mm outside diam., hose 2 m, unpressurized outlet
 Weight when empty: max. 25 kg



Article	Order No.
Pacific TII 3 Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	93 86 84003
Pacific TII 3 UV For lower TOC loads. Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	93 86 84004
Pacific TII 7 Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	93 86 84006
Pacific TII 7 UV For lower TOC loads. Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized)	93 86 84007
Pacific TII 12 Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	93 86 84012
Pacific TII 12 UV For lower TOC loads. Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units, clinical analyzers	93 86 84013
Pacific TII 20 Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	93 86 84020
Pacific TII 20 UV For lower TOC loads. Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units, clinical analyzers	93 86 84021
Pacific TII 40 Feeding of high-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units	93 86 84040
Pacific TII 40 UV For lower TOC loads. High-purity water systems, washing of glasses, production of buffers, reagents, and growing media, water baths, incubators (sterilized), supply of autoclaves, warewashing units, clinical analyzers	93 86 94041

Accessories on request.

