

**Pure water purification systems Barnstead Pacific TII****Thermo Scientific****Pure water purification systems Barnstead Pacific TII**

The Thermo Scientific Pacific Barnstead TII system provides ultrapure water (1 - 10 MOhm) ASTM type II for typical demand up to 200 l/day. By combining different treatment technologies such as pretreatment, reverse osmosis, ion exchangers, adsorption and optional UV lamp, the Pacific TII produces pure water (ASTM type II) that meets the highest quality standards such as ASTM II, CAP, ISO 3696, CLSI and Bi distillate. Pacific TII is suitable for table or wall mounting. Three tank sizes 30 l, 60 l, or 100 l are available to match the range of permeate capacities of 7, 12 and 20 l/h. Upgrading the system and thus increasing the capacity for a growing pure water demand is possible at any time. Ideal for supplying ultrapure water systems, clinical analysers, reagent/dilution preparation and general chemical analysis.

**Product features:**

- Feed water (e.g. tap water) is pre-cleaned by reverse osmosis membrane. Via the pure water cartridge and optional UV unit the type II water is temporarily stored in the storage tank. The optional recirculation of the water via the integrated pump ensures constant optimal water quality
- Flexible and compact laboratory system for optional mounting on the laboratory bench or with the integrated mounting bracket on the wall
- Simple and economical change of consumables due to separately exchangeable high-tech cartridges
- In the 4-line display numerous operating parameters, such as limit values, flushing cycles tank volume display in % can be easily set and queried
- The code-protected operating system as well as a high-precision conductivity monitoring in acc. with USP enable documentation acc. with GLP requirements
- Additional pressure booster system on the ultrapure water tank for supplying downstream devices (e.g. autoclaves, dishwasher, analyser)
- The scope of supply includes all necessary materials for



immediate use: Integrated wall bracket, RO membrane, pure water cartridge, pressure reducer and UV lamp (for Pacific TII UV)

Optional hand dispenser with flexible circulating line for dispensing water in a distance of up to 3 m. The kit contains a 0.2 µm end filter.

**Pure water specifications**

**Operating pressure: 2 to 6bar**

**Temperature: +2°C to +35°C**

**Permeate conductivity: 0.067 to 0.1µS/cm (at 30ppm CO2 in feeding water)**

**Permeate resistance at 25°C: 15 to 10MW.cm**

**Removal bacteria, Pyrogens: >99%**

**TOC value: 30ppb**

**Interface: RS 232**

**Specifications**

**Power supply: 90-240V/50-60Hz**

**Dimensions (W x D x H): 372 x 330 x 613mm**

**Feedwater connector: Tubing 1.5m with 8mm o.d. and R<sup>3</sup>/<sub>4</sub>" inner thread**

**Wastewater connector: 1/4" or 8mm o.d., tubing 2m, pressureless drain**

**Power Consumption: 0.08kW**

Code	Description	Packaging
LLG09535537	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 7, Permeate 7 L/hr	1 pz.
LLG09535542	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 7 (UV), Permeate 7 L/hr	1 pz.
LLG09535538	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 12, Permeate 12 L/hr	1 pz.
LLG09535543	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 12 (UV), Permeate 12 L/hr	1 pz.



Code	Description	Packaging
LLG09535544	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 20 (UV), Permeate 20 L/hr	1 pz.
LLG09535539	Pure water purification systems Barnstead Pacific TII, Type Pacific TII 20, Permeate 20 L/hr	1 pz.



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