

Water purification systems, Type 1 and Type 2, Thermo Scientific Barnstead®, Smart2Pure™



Technical Specification - General

Operating pressure	1bar to 6bar
Conductivity	Type 1: 0.055µS/cm Type 2: 0.067µS/cm to 0.1µS/cm
Resistance	Type 1: 18.2MΩ-cm (at 25°C) Type 2: 15MΩ-cm to 10MΩ-cm (at 25°C)
Bacteria	Content: <1CFU/mL Retention: 99% (type 2)
Particles	<1/mL (>0.2µm)
Electrical supply	100-240V, 50/60Hz, 60W
Connections	Water feed: 1/4 inch (6.35mm) O.D.
Dimensions [w x d x h], mm	305 x 400 x 545
Mass, kg	22

Catalogue No	Legacy No	Alt. No	Description
13012963	-	50129869	Smart2Pure™ 3L/hr, with 6L integrated tank
13213439	-	50129872	Smart2Pure™ 3L/hr, with UV oxidation and 6L integrated tank
13032963	-	50129870	Smart2Pure™ 3L/hr, with ultrafiltration membrane and 6L integrated tank
13227449	-	50129688	Smart2Pure™ 3L/hr, with UV oxidation, ultrafiltration membrane and 6L integrated tank
13052963	-	50129873	Smart2Pure™ 6L/hr, with 6L integrated tank
13217449	-	50129885	Smart2Pure™ 6L/hr, with UV oxidation and 6L integrated tank
13072963	-	50129874	Smart2Pure™ 6L/hr, with ultrafiltration membrane and 6L integrated tank
13237449	-	50129887	Smart2Pure™ 6L/hr, with UV oxidation, ultrafiltration membrane and 6L integrated tank
13092963	-	50129888	Smart2Pure™ 12L/hr
13378840	-	50129890	Smart2Pure™ 12L/hr, with UV oxidation
13012973	-	50129889	Smart2Pure™ 12L/hr, with ultrafiltration membrane
13022973	-	50129845	Smart2Pure™ 12L/hr, with UV oxidation and ultrafiltration membrane

Accessories

Catalogue No	Legacy No	Alt. No	Description
11367151	-	09.4003	Pre-treatment, required to prolong cartridge life, ships with filter housing and 1µm filter
11357111	-	09.1002	Replacement UV lamp for Micropure® or Smart2Pure™
11367121	-	09.1020	Filter set for Smart2Pure™
11367111	-	09.1003	Sterile filter capsule (0.2µm) for dispenser
11307151	-	09.2212	Wall mounting bracket
11835912	-	9.2202	Disinfection solution, tablet form, 12 pieces
11377131	-	09.2003	RO membrane with integrated pretreatment for 3L/hr unit only
11327141	-	09.2006	RO membrane with integrated pretreatment for 6L/hr unit only
11347141	-	09.2012	RO membrane with integrated pretreatment for 12L/hr unit only
13545280	-	50133981	Ultrafilter
13565280	-	06.5040	Storage tank (30L) with level display and recirculation pump
13555280	-	06.5070	Storage tank (60L) with level display and recirculation pump
11367061	-	06.5001	Sterile overflow for storage tank 30L to 100L
11337071	-	06.5002	CO ₂ absorber and vent filter for storage tank 30L to 100L
11327081	-	06.5015	Wall mounting for storage tank (30L)
11357081	-	06.5016	Wall mounting for storage tank (60L)



*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffmann-La Roche

IQ/OQ Qualification documentation for Smart2Pure™ systems available, please enquire.