

Technical Specifications

pure water + ultra pure water	< 1 $\mu\text{S}/\text{cm}$; Type II + 0.055 $\mu\text{S}/\text{cm}$; Type I
resistivity	> 1 $\text{M}\Omega\cdot\text{cm}$; Type II + 18.2 $\text{M}\Omega\cdot\text{cm}$
total organic carbon (TOC)	< 10 ppb Reagent < 5 ppb Life Science < 3 ppb Analytical
dispensing flow rate	2 L/min (1.5 L/min Life Science)
productivity rate	10 L/h, optionally 20 L/h
bacteria	< 1 cfu/mL*
particulate	> 0.2 μm less than 1 particulate/mL
pyrogen (endotoxins)	< 0.001 EU/mL*
RNAse	< 1 pg/mL*
DNAse	< 5 pg/mL*
dimensions, weight, power	504 x 680 x 535 mm, 16 - 20 kg, 110 - 230 V
mains input, system control	110 - 240 V AC, 50-60 Hz
power consumption	Standby: 30 VA, Operating Mode: 110 VA
noise level	< 45 dB

*with Life Science model

Feed Water Requirements

type of feed water	Tap water
feed water conductivity	< 1400 $\mu\text{S}/\text{cm}$
inlet pressure	0 to 1.5 bar
free chlorine	< 0.1 mg/L
total organic content (TOC)	< 50 ppb
temperature	5 to 25 $^{\circ}\text{C}$

Configurations

Model (10 L/h)	UV reactor	UF module	TOC monitoring	Cat. No. (35 L)	Cat. No. (70 L)	Aquinity ² 20 (20 L/h)
Reagent	-	-	-	114-0050	114-0060	-
Analytical	+	-	-	114-0051	114-0061	-
Life Science	+	+	-	114-0052	114-0062	-
Analytical TI	+	-	+	114-0056	114-0066	114-0074
Life Science TI	+	+	+	114-0057	114-0067	114-0075