

# Geno™ II T

## TECHNICAL SPECIFICATION

DEIONISED WATER WITH INTEGRATED TANK

The GENO™ II T utilises proven water purification technologies to provide Type 2 water, on request. Call for water from the integral 35 L reservoir via the dispense tap on the front of the machine, to obtain the product you need when required.

Manufactured to ISO 9001:2015 standard. Certified to IEC 61010-1:2010 and EN 61326-21:2013



### FEATURES & BENEFITS

#### KEY FEATURES

Type 2 (DI) water

Space-saving footprint with integrated 35 L reservoir

Make up rate 10 or 20 L/hr with fast dispense

Intuitive, icon-based, interactive user interface with touch screen

Wall or bench mounting

Quiet, internal boost pump and patented anti-vibration mountings

Energy consumption of < 60 w when processing water

### PRODUCT WATER QUALITY

MODEL	MAKE-UP FLOW RATE (@15 °C / 59 °F)	WATER QUALITY (@25 °C / 77 °F)	INORGANICS REJECTION RATE**	TOC REDUCTION***	RECOMMENDED MAX DAILY USAGE*
GENO II T 10	10 L/hr	1 - 15 MΩ·cm	≥ 98 %	96 %	80 L/day
GENO II T 20	20 L/hr	1 - 15 MΩ·cm	≥ 98 %	96 %	160 L/day

\* Based on make-up rate of 8 hr/day excluding DI resin capacity

\*\* On UV model and depending on feedwater impurities

\*\*\* Depending on feed water quality

### SYSTEM REQUIREMENTS

#### FEED WATER

Pressure	Bar / PSI	0.1 - 6 / 1.45 - 87
Conductivity	μS/cm	< 1400
Temperature	°C / °F	4 - 30 / 39.2 - 86
Hardness as CaCO <sub>3</sub>	ppm	< 400
Free Chlorine	ppm	< 2
Colloid Index	SDI	< 3
pH Value	-	4 - 10
Iron (Total Fe)	ppm	< 0.1

### UNIT SPECIFICATIONS

#### ALL MODELS

Dimensions (HxWxD)	500 x 485 x 330 mm / 19.7 " x 19.1 " x 13 "
Installed Weight	20 kg / 44.1 lbs
Power Supply	100 - 240 V - ; 50/60 Hz; 1.5 A (max)
Power Supply Output	24 VDC, 2.7 A, 64.8 W (max)
Operating Temperature	4 °C - 35 °C (max) / 39.2 °F - 95 °F (max)
Storage Temperature	4 °C - 35 °C (max) / 39.2 °F - 95 °F (max)

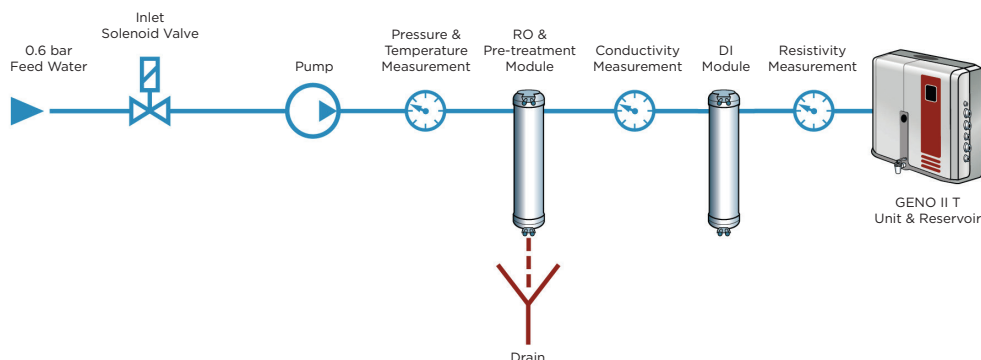


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### FLOWCHART



### UTILITIES & SERVICES

#### REQUIREMENTS

Water Supply	Isolated cold-water feed
Drain Type	Sink/Tundish/Standard up-stand with suitable trap
Drain Flow	> 3 L/min

### CONSUMABLES & ACCESSORIES

PART NUMBER	DESCRIPTION	TYPICAL ANNUAL REQUIREMENT
TC021	Pre-treatment Module (GENO II T 10 Models)	1
TC022	Pre-treatment Module (GENO II T 20 Models)	1
TC023	DI Cartridge (II T Models)	2
TC024	Tank Vent Filter	1
TC025	UV Lamp (Optional)	1
AV001	Wall Mounting Kit	-
AV003	Distribution Pump Kit	-
AV004	Valve Kit for Washing Machine Feed (Single POU)	-
AV007	External Pre-filter Housing Kit (Excludes Filter)	-
AV016	Valve Kit for Washing Machine Feed (Double POU)	-



### TYPE 2 WATER

#### APPLICATIONS

Buffer & Media Preparations
Sample Dilution & Reagent Preparation
Spectrophotometry
Protein Electrophoresis
Cytology & Histology
Glassware Washing & Rinsing