

<b>Long Term Hydrostatic Test Apparatus – Thermoplastic Pipes</b>		
<b>Specifications</b>		
<b>Test Standards Conformance:</b> ASTM D 2837, ASTM D 1598, ASTM D1599, ISO 1167 and ISO 9080.		
<b>Power Unit Specifications</b>		
<b>Electrical Specifications</b>		
Power	KW	4
Electrical Requirements	Volt	380 - 3 Ph/ N/ PE
	Ampere	16
	Hz	50/60
Microcontroller	Type	16 Bit controller, operating at 40 MHz
	Memory	5000 Data Points
	Display	7" TFT LCD Touch Screen
<b>Pressure Measurement and Control – Pressurizing Medium Water</b>		
Maximum Operating Pressure	Bar	200
Maximum Flow	Liter/min	12
Pressure Sensor Type	Voltage Transmitter, Silicon on ceramic substrate, SS wetted parts	
Pressure Sensor Accuracy	%	0.25 FS
		FSO IEC 60770
Overall System Pressure Accuracy	1% of reading or 0.5%FS, whichever is bigger	
<b>Thermotank Specifications – Heating Medium Water</b>		
<b>Dimensions</b>		
Length	m	2
Depth	m	0.85
Height	m	2
Inside Clearance	mm	1500x700x1300
Inside Clearance	in	60x27x50
<b>Electrical Requirements</b>		
Voltage	Volt	380 – 3 Ph/ N /PE
Current	Ampere	25
Frequency	Hz	50/60
<b>Temperature Measurement and Control</b>		
Heating Power	KW	12
Minimum Temperature		Ambient
Maximum Temperature	Deg. C	95
Temperature Sensor Type		RTD Pt 100
Temperature Probe Accuracy	Deg. C	0.1
Heater Control Method	PID Time Proportional	
Heater Actuation Method	Contactors, Solid State SSR	
Control Accuracy	Deg. C	+/- 0.5