

MODEL NO.: YSI-413Ex

YSI WATER BATH SEROLOGICAL DIGITAL (NEW)

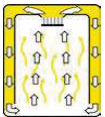
-As per : IS - 6593

YSI general purpose water baths are intended to be used in several universal and unique applications in microbiology, research and industrial laboratories. They provide exceptional temperature control of liquid for uniform and stable temperature.



cleaning.

Corrosion Free Rigid Construction : The inner chamber of the Water Bath is made of seamless corrosion resistant stainless steel grade 304 for a longer life time and easy



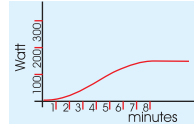
Temperature Uniformity : Excellent temperature uniformity is obtained by incorporated PID control system which maintains the temperature very precisely.



Lowest Power Consumption Algorithm : Even though the system has a high wattage heater to act in response to any settled temperature more quickly compared to other systems, but only a fraction of the heater wattage is consumed when the set temperature has been achieved, saving lot of energy.



Automatic Key lock Feature : This feature ensures that



Soft Start for Heater : In built soft start for the heaters prolongs the heater life.

no manipulation could be done within the system while operated by an un-authorized person.

Remote Monitoring Alarms and Controls : The system incorporates user friendly feather touch buttons for setting temperature, delay time and process time which would be seen on seven segment display. LED'S indicates the mode of operation. All the process date could be recorded to remote computer via RS232/RS485 or an optional attachment for the printer could be provided.

Data Retentive Delay and Process Timer : This feature ensures that the material inside is objected to the set temperature for the set time only, irrespective of any power cuts or voltage fluctuations.

Specification:

Temperature Range	Ambient—80°C
Temperature Sensor	RTD (PT 100)
Control System	P I D , P r o g r a m m a b l e Microprocessor
Temperature Set & Display Sensitivity	0.1°C
Temperature Fluctuation	± 0.1°C
Timer	999 min delay +999 Process
Useful Volume, liter	5,18,23,32,42.5
Power Consumption, KW	0.5, 2.0, 2.0, 2.5, 3.0
Power Supply, Volts AC.	230V, 50 Hz.
Internal Material	S.S.304 Polished
External Material	M.S Sheet, Power Coated

Internal Dimensions:

W	x	H	x	D	Volume	Load
254	x	127	x	127 mm	4 liter	
304	x	254	x	178 mm	14 liter	
330	x	304	x	178 mm	18 liter	
457	x	304	x	178 mm	25 liter	
610	x	304	x	178 mm	33 liter	

External Dimensions:

W	x	H	x	D
320	x	175	x	355 mm
350	x	300	x	400 mm
380	x	350	x	430 mm
510	x	350	x	430 mm
660	x	350	x	430mm