

ISO 9001-2015,WHO, FDA,  
European CE Nortified &  
ISO-13485 Certified



**ALPHA<sup>R</sup>**  
SUDARSHAN

**CE**  
European CE  
Nortified



**ASE-156**



**ASE-157**



**ASE-158**

### **ASE-156 Water Bath Rectangular Thermostatic (Double Walled)**

ALPHA<sup>TM</sup>

Corrosion Free rigid Construction, Temperature uniform, Lowest Powder consumption Algorithm, Digital Automatic Key Lock system, Remote monitoring Alarm and control system, Data Retentive delay and process timer system,

Temperature range	Ambient to 100 degree c.
Temperature Sensor	RTD (PT-100)
Control System	PID, Programmable Microprocessor

It is a double walled bath with inner chamber made of stainless steel 304 grade and outer wall of M.S. Sheet duly Powder coated. The gap between outer and inner walls is filled with special grade glass wool in order to avoid thermal losses. A drain plug is also fitted to the unit. The inner chamber fitted with immersion type heating element is covered with perforated removable diffuser tray. Top cover is provided with the unit as a standard accessory. Temperature from ambient+5°C to 100°C is controlled by Digital Microprocessor base PID temperature controller with an accuracy of  $\pm 0.5^\circ\text{C}$ . Complete with long wire & three pin socket. Other changes will be done on request or as per user specification..

Available in following sizes :

- (a) 300x250x100mm. (6 Holes of 75mm. dia.)
- (b) 355x355x100mm. (9 Holes of 75mm. dia.)
- (c) 355x405x100mm. (12 Holes of 75mm. dia.)

#### **OPTIONAL ACCESSORIES**

- (a) Stirrer with 1/20 H.P. 1440 RPM High speed motor with S.S. Rod and blade.
- (b) Digital Temperature Indicator-cum-Controller.
- (c) Low water level cutoff by electronic circuit

### **ASE-158 Water Bath Digital PID**

ALPHA<sup>TM</sup>

Stainless Steel unit double walled with inner chamber made up of air stainless steel 304 grade seamless and outside of Stainless Steel. The gap between the walls is filled with special grade glass wool 50 mm in order to avoid thermal losses. A brass drain plug is also fitted to the unit. The inner chamber fitted with SS immersion type heating element 1000 watt is covered with perforated removable diffuser tray. Top SS cover Pyramid/plain/gable is provided with the unit as a standard accessory. Low water level cutoff device is fitted with circuit.

Temperature from ambient to 100°C is controlled with an accuracy of  $\pm 0.5^\circ\text{C}$ . with LED PID Microprocessor controller or Digital Temperature Controller with indicator with PT 100 sensor. Supplied complete with 220/230 volts A.C. Supply. Complete with long wire & three pin socket. Other changes will be done on request or as per user specification..

Available in following sizes :

	WIDTH x HEIGHT x DEPTH	LOAD
(a)	250x350x200mm. (for 2 racks)	1.0 KW
(b)	300x400x200mm. (for 4 racks)	1.0 KW
(c)	420x360x300mm. (for 6 racks)	1.0 KW
(d)	605x300x300mm. (for 8 racks)	3.0 KW

#### **OPTIONAL ACCESSORIES**

- (a) Stirrer with 1/20 H.P. 1440 RPM High speed motor with S.S. Rod and blade.
- (b) Digital Temperature Indicator-cum-Controller.
- (c) Low water level cutoff by electronic circuit

**Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018**

**CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED**  
**With first prize awarded at Haroti Udyog Mela year 2003**

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**ASE-156**



**ASE-157**



**ASE-158**

### **ASE-156 Water Bath Rectangular Thermostatic (Double Walled)**

**ALPHA<sup>TM</sup>**

It is a double walled bath with inner chamber made of stainless steel 304 grade and outer wall of M.S. Sheet duly Powder coated. The gap between outer and inner walls is filled with special grade glass wool in order to avoid thermal losses. A drain plug is also fitted to the unit. The inner chamber fitted with immersion type heating element is covered with perforated removable diffuser tray. Top cover is provided with the unit as a standard accessory. Temperature from ambient to 100°C is controlled by Digital Microprocessor base PID temperaturer controller with an accuracy of  $\pm 0.5^\circ\text{C}$ . Complete with long wire & three pin socket. Other changes will be done on request or as per user specification..

Available in following sizes :

- (a) 300x250x100mm. (6 Holes of 75mm. dia.)
- (b) 355x355x100mm. (9 Holes of 75mm. dia.)
- (c) 355x405x100mm. (12 Holes of 75mm. dia.)

### **ASE-157 Water Bath Rectangular (Single Wall)**

**ALPHA<sup>TM</sup>**

Made out of heavy gauge stainless steel with concentric rings. Auto-cut heating elements are fitted to protect the same when bath gas dry. To work on 220/230 volts A.C. Supply. Complete with long wire & three pin socket. Other changes will be done on request or as per user specification..

Available in following sizes :

- (a) 300x250x100mm. (6 Holes of 75mm. dia.)
- (b) 355x355x100mm. (9 Holes of 75mm. dia.)
- (c) 355x405x100mm. (12 Holes of 75mm. dia.)

### **ASE-158 Serological Water Bath**

**ALPHA<sup>TM</sup>**

These unit are double walled with inner and outer chamber made up of stainless steel. The gap between the walls is filled with special grade glass wool in order to avoid thermal losses. A drain plug is also fitted to the unit. The inner chamber fitted with immersion type heating element is covered with perforated removable diffuser tray. Top cover plain/gable is provided with the unit as a standard accessory. Heavy door is fitted on the chamber with hinges & locking arrangement with gasket on the door.

Temperature from ambient to 100°C is controlled with an accuracy of  $\pm 0.5^\circ\text{C}$ . with Microprocessor based Temperature Controller with indicator with PT 100 sensor. Supplied complete with 220/230 volts A.C. Supply. Complete with long wire & three pin socket. Other changes will be done on request or as per user specification..

Available in following sizes :

	WIDTH x HEIGHT x DEPTH	LOAD
(a)	300x250x175mm. (for 2 racks)	1.0 KW
(b)	330x300x175mm. (for 4 racks)	1.5 KW
(c)	450x300x175mm. (for 6 racks)	2.0 KW
(d)	605x300x175mm. (for 8 racks)	3.0 KW

#### **OPTIONAL ACCESSORIES**

- (a) Stirrer with 1/20 H.P. High speed motor with S.S. Rod and blade.
- (b) Digital Temperature Indicator-cum-Controller.

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