



ACME Scientific International

A-12/6, Sainik Nagar, Near Nawada, Uttam Nagar, New Delhi-110059 (INDIA)

Ph: +91 (11) 28761846, 09811891991, 09868991700

acmescientific@gmail.com, www.acmescientific.in

General

TRAYS

Sizes available are as under:

ACME-801 G.I. TRAYS

Approximate size:

- 1) 5" x 6"
- 2) 8" x 8"
- 3) 10" x 12"
- 4) 12" x 12"
- 5) 12" x 14"
- 6) 12" x 18"
- 7) 18" x 18"
- 8) 18" x 24"
- 9) 24" x 24"

ACME-802 ENAMEL TRAYS

Sizes available in inches are as under:

- 1) 6" x 6"
- 2) 8" x 8"
- 3) 10" x 12"
- 4) 12" x 12"
- 5) 12" x 14"
- 6) 12" x 18"
- 7) 18" x 18"
- 8) 18" x 24"
- 9) 24" x 24"

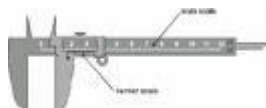
ACME-803 MEASURING TAPES

Steel Tape:

(a)15meter, 13mm width,(b)15meter, 9.5mm width,(c)30meter, 13mm width,(d)30meter, 9.5mm width,(3 meter, 9.5mm width and (f) 5 meter, with bubble Metallic wire Braided, (g) 15 meter and (h) 30 meter



ACME-803



ACME-804

ACME-804 MEASURING INSTRUMENTS

- (1)Vernier Calipers and micrometer screw gauges
- (2) Steel and wooden scales 15cm, 30cm, 50cm and 100cm



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ACME-805 GRADUATED MEASURING JARS

These are commonly used at site for measurement of silt in sand and to measure the quantities of liquid. These are available in ordinary glass, borosilicate glass and clear transparent plastic. Capacities available are

- 25 ml
- 100 ml
- 250 ml
- 500 ml



ACME-805



ACME-806

ACME-806 LABORATORY THERMOMETERS

Chemical Thermometer, made from Superior quality glass with prominent mercury column most accurate for Research Laboratories. Length of each Thermometer are 30cm in following range: 50 C 1/1, 50 C 112, 110 Q 1/1, 110 C 112, 150 C 1/1, 250 C 1/1, 360 C 111, 400 C 211, 220 F 1/1 and 400 F 2/1.

ACME-807 SOIL THERMOMETER

Scale 20 F to 180 F engraved on metal plate fitted on wooden body with brass cone at bottom. Cones are available in following sizes: - 5 cm long, 10 cm long, 15 cm long and 30 cm long.



ACME-807



ACME-808

ACME-808 DIAL THERMOMETER

Dial thermometers are useful for measuring the temperature of soil, bitumen or any hot material where inserting ordinary glass thermometer is risky from breakage point of view.

These are essentially bi-metallic thermometers. Bi-metal element is enclosed in a hollow metallic stem with close fitting. As the temperature rises bi-metal element expands and activates a pointer fixed on the dial to read temperature. Following sizes are available.

ACME-809 THERMOMETER

- (a) Room Thermometer
- (b) Maximum-Minimum Thermometer Hygrometer
- (c) Dry and wet bulb thermometer.



ACME-810

ACME-810 DIAL GAUGE

Used for taking measuring settlement of soil, used as flow meter in Marshall stability test to measure deformations, strains, displacements in general.

Available models:

- (a) 0.01 x 25mm
- (b) 0.002 x 5mm
- (c) 0.01 x 50mm.

ACME-811 SCOOPS

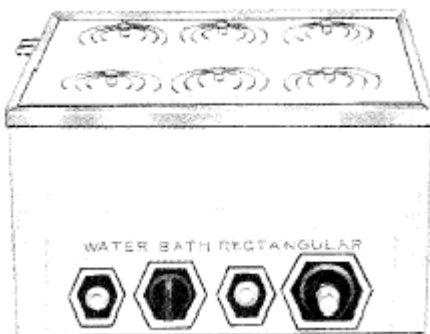
Scoops are used for transferring soil, cement, aggregate or any other grainy material or powders. They are made from 304 S.S. and fitted with handle. Capacity available

- (a) 100 gms
- (b) 200 gms
- (c) 500 gms
- (d) 1000 gms.

Scoops made from GI Sheet also available in above capacities.



ACME-811



ACME-812

ACME-812 WATER BATH

Rectangular water bath, double walled construction, inside reservoir of stainless steel, outer body mild steel with insulation in between, supplied with lid having one hole of 12.5cm diameter and four holes of 7.5cm dia.

Concentric Rings with lids are provided on holes. The top plate and concentric rings are of S.S. Temperature range 70 C above ambient to 950 C + 1o C by capillary thermostat, inside chamber size 30cm x 25cm x 12cm.

These water baths are useful for laboratory work. Thermometers at extra cost suitable for 230 volts AC, single phase.

- Digital model are also available



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LABORATORY OVENS:

Laboratory ovens are manufactured in different sizes and with different interior material. The ovens are of double walled construction. Outer wall is of Mild Steel, internal chamber is available in Mild Steel or Aluminum or Stainless Steel. These Ovens are well insulated with glass wool.

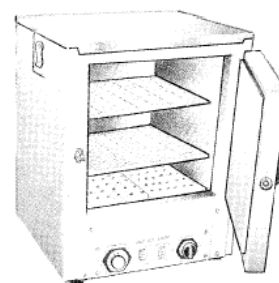
The heating is from bottom heaters made of nichrome wire, temperature range 500 C to 2400 C accurately controlled within ±20 C thermostatically. A three heat control switch provides faster initial heating.

Suitable for operation on 230 volts, A.C. single phase.

Sizes available as under:

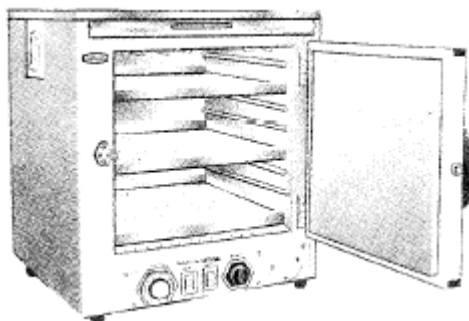
ACME-813 THERMOSTATIC HOT AIR OVENS (BOTTOM HEATING)

	Inner chamber	Shelves	Wattage
(a)	12" x 12" x 12"	1	800
(b)	14" x 14" x 14"	2	1000
(c)	18" x 18" x 18"	2	1500
(d)	20" x 20" x 20"	3	2200
(e)	24" x 24" x 24"	3	2500
(f)	24" x 24" x 36"	3	3000



ACME-813

ACME-814 THERMOSTATIC HOT AIR OVENS THREE SIDE HEATING (MEMMERT TYPE)



ACME-814

	Inner chamber	Shelves	Wattage
(a)	12" x 12" x 12"	1	750
(b)	14" x 14" x 14"	2	1000
(c)	18" x 18" x 18"	2	1500
(d)	18" x 18" x 24"	3	1750
(e)	18" x 24" x 36"	3	2000
(f)	24" x 24" x 24"	3	2200
(h)	24" x 24" x 36"	3	2500

Note : Above ovens can be supplied with forced air circulation fan at an extra cost. 'L' shaped thermometer or a dial thermometer can be fitted on the front side of the oven at an extra cost.

All above ovens can be supplied with electronic digital temperature control cum indicator.



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ACME-815 HUMIDITY CONTROL OVEN DIGITAL DISPLAY

Double walled, interior made of Aluminum Stainless Steel. Exterior of Mild Steel finished in paint. Glass wool insulation full length inner glass door and outside metal door with magnetic gasket and to lock two perforated removable trays at fixed distances are provided of Aluminum/Stainless Steel. Unit consists of Main switch, fuse, pilot lamps for all controls. Digital Display Electronic Temp. controllers for Dry & Wet bulbs.

Humidity by steam injection controlled by Dry & Wet bulb principles and set by Chart provided. Forced air circulation for uniform temp. In case of cooling models by Hermetically sealed compressor coupled with evaporation coil and condenser, safe guard by time delay circuit. Unit works on 230 Volts Ac. 50 Hz. main supply.



ACME-815