



OMEGA TYPE ES-321 Experimental Set Up has been designed specifically for determination of Heat capacity of Solids. The experimental set-up is self contained and require no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

To determine Heat Capacity of solids (by applying variation of correction)

FEATURES

- 01 One board consisting of the following built in parts :
 - 1.1 Amplifier with digital display assembly with Power Supply.
 - 1.2 Current source 0-500mA for heater coil.
 - 1.3 Digital Ammeter, 3½ digits having range 2 Amp. D.C.
- 02 Oven with heater coil.
- 03 Samples : Test sample - Brass, Standard sample -Aluminium
- 04 Iron constantan unijunction thermocouple.
- 05 Beaker : 250ml
- 06 Thermometer : 110°C
- 07 DIGITAL STOP CLOCK : With START/STOP operation by means of toggle switch & RESET by

a push button switch.

OMEGA TYPE DSC-602 It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of ± 0.01% (Quartz controlled). Display is thorough 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit is 230VAC ±10% at 50Hz.

- 08 The unit is operative on 230VAC ±10% at 50Hz .
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 11 Weight : 3.5 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch Cords 4mm plug length 50cm Red..... 01
- 02 Patch Cords 4mm plug length 50cm Black.....01
- 03 Thermometer 110°C..... 01

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS