



OMEGA TYPE ES-416 Experimental Set Up has been designed specifically for the determination of coefficient of viscosity of water by poiseuille's capillary flow method

Set up is absolutely self-contained and requires no other apparatus.

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

OBJECT: To determine the coefficient of viscosity of water by Poiseuille's capillary flow method.

FEATURES:

01. Digital Stop Clock OMEGA TYPE DSC-602 with START/STOP operation by means of toggle switch & RESET by push button switch. It has a range of 999.9 second with resolution of 0.1 seconds and accuracy of $\pm 0.01\%$ (Quartz controlled). Display is thorough 4 no's of 12.5 mm bright seven segment display and working voltage of the unit is $230V \pm 10\%$ 50Hz.

02. Manometer : an instrument for measuring the pressure acting on a column of fluid, consisting of a U-shaped tube of liquid in which a difference in the pressures acting in the two arms of the tube causes the liquid to reach different heights in the two arms.

03. Capillary tube

04. Graduated test tube 1"x6"

05. Retort stand size 4x6" with 18" Road to hold Graduated Tube

06. Stand size 4"x6" with 18" Road to hold Constant level bath

07. Thermometer 0-110°C. To Measure Water temperature

08. Plastic Container for water filling

09. Plastic Container for water overflow

10. Strongly supported by detailed Operating Instructions, giving details of Object,

Theory, Design procedures, Report Suggestions and Book References.

ACCESSORIES:.....Nil

OTHER APPARATUS REQUIRED:.....Nil

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

OMEGA ELECTRONICS

Works:

28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751136, 2751559

E-mail : info@omegaelectronics.net
: omega@bsnl.co.in

www.omegaelectronics.net

Marketing Division:

B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223