OMEGA®

A SIGN OF QUALITY PRODUCT

# DETERMINATION OF CAPACITANCE OF A CAPACITOR USING COULOMBMETER

OMEGA TYPE ES-289


**OMEGA TYPE ES-289** Experimental Set-Up has been designed specifically to determine the capacitance of a capacitor using an Electronic Coulombmeter in place of conventional Ballistic Galvanometer. The set-up consists of Electronic Coulombmeter, Charge & Discharge key, Tapping key, Battery Eliminator, Fixed Capacitor etc.

The set-up is complete in all respects and requires no other apparatus. The use of Electronic coulombmeter saves a lot of time and care in comparison to conventional Ballistic Galvanometer.

## OBJECT

To determine the capacitance of a capacitor using Electronic Coulombmeter and a Fixed Capacitor.

## FEATURES

The complete Experimental Set-up consists of the followings :

01 Electronic Coulombmeter OMEGA TYPE ECM-110.
02 Charge & Discharge key.
03 Tapping key.
04 Fixed capacitors (1mF) OMEGA TYPE FC-140
05 Battery Eliminator 0 - 5V/500mA OMEGA TYPE BE 5/05.
06 Unknown capacitors 6 nos. mounted on board.
07 Connecting wires.
08 Weight : 6.8 Kg. (Approx.)
09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.





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