55825 Experimental Set-Up has been designed specifically for measurement of low resistance of cables, conductors in industries or laboratory. The set-up consists of Industrial Kelvin Double Bridge, Conductivity Attachment for Industrial Kelvin Double Bridge, Spot Reflecting Galvanometer, Constant Current Power Supply etc.
The set up is complete in all respect and requires no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT
01 To measure the low resistance of cables, conductors with the help of Industrial Kelvin Double Bridge.

FEATURES
The complete experimental Set-up consists of :
01 Industrial Kelvin Double Bridge
  For precise measurement of low resistance capable of measuring resistance from 0.02 mili ohms to 11 ohms. Ten standard resistence are provided in step of 0.01 ohm each in dial form with five multiple ratio's of 0.01, 0.1, 1, 10 and 100 ohms. The circular slide wire of 0.01 ohm divided into 500 equal parts provided, current upto 5Amp. continuously and 10Amp. intermittently having low temperature coefficient.
02 Conductivity Attachments
  Wire holding device designed for the determination of resistance of cables and wires. Heavy terminals for current connections are provided. The potential contact points are designed so that conductor between them is exactly 50 cms.
  U Handy attachment
  U Separate current and potential terminals arrangements.
03 Constant Current Power Supply 1.5/10 Current continuously adjustable 0 to 10 Amp. upto 1.5 Volts.
04 Spot Reflecting Galvanometer Suitable for Industrial Kelvin Double Bridge.
  Galvanometer Resistance   :   125 ohms (Nominal)
  Sensitivity   :   0.05 to 0.1 Micro Amp. per division
  Working Voltage   :   230 V AC ± 10% at 50 Hz.
05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.