55761 Experimental Set Up has been designed specifically for the Measurement of Refractive Index of glass in the form of prism by Spectrometer. The set-up consists of Spectrometer, Sodium light source, Prism, Reading lens 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 determine the refractive index of the prism material using Sodium Light with the help of Spectrometer.

FEATURES
The complete Experimental Set-up consists of the following :
01 Spectrometer standard :
   6" dia circle reading 30 seconds. The objectives used in telescope and collimater are achromatic and provided with rack and pinion focussing arrangement. Telescope arm and prism table are provided with fine and coarse adjustment. The prism table is provided with three leveling screws and is engraved with concentric rings & lines.
   The scales and verniers are of stainless steel and are machine divided. Clamping devices are also provided to lock telescope and collimater after adjustment. With prism clamping device and diffraction grating stand.
02 Sodium light source :
   Sodium light source complete with sodium lamp 35 watts with vacuum jacket, Transformer & Wooden Box having four holes with slide covers, one each on every side at different heights.
03 Prism : Optically worked with two faces polished, Equilateral, size 38mm x 38mm.
04 Reading lens : 40/50mm diameter with handle.
05 Sprit Level : 60/80mm length.
06 Weight : 13.7 Kg. (Approx.)
07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in