

Measurement of: Textured studies of the transparent soft materials can be studied and monitored.

Equipment: Polarizing Microscope

Property Measured: Optical and electro-optical characterisation of different types of liquid crystal materials can be done in the temperature range of 10-100°C

Photograph (small size)



Basic Principle: Transmission & reflection mode for transparent & semi-transparent samples

Capabilities: Textured studies of the transparent soft materials can be studied and monitored. This equipment is very useful for liquid crystal materials identification and for applied studies. Optical and electro-optical characterisation of different types of liquid crystal materials can be done in the temperature range of 10-100°C. Polymer studies can also be done by this equipment

Sample Requirement: Liquid crystal materials