

Quality Test Plan - Physics lab Equipment

Equipment name : Optical Chopper

Model/ Serial no : HO-IAD-OC-01

Standard Test Procedure / Method: All the experiments are done as per the theory of the experiment or by using calibrated devices.

Sl. No	Specific Test Required	Test Method	Specification/ Accepted values	No. of times to be repeated
1.	Visual Inspection	Inspect all Mechanical, Electronic & Optical Parts	As per design/ Specifications	1
2.	Chopper Frequency Use REF OUT (Back Panel)	Check with each Disc for the frequency range (with CRO). Make sure no unusual loud noise	Two Slot 10Hz to 200 Hz Six Slot 100 Hz to 600 Hz Thirty Slot 200Hz to 4000Hz	1
3.	Chopper Frequency Fluctuations	Check the frequency fluctuations for all the Discs	+ -2Hz	1

Comments: