

LASER LAB COMPONENTS KIT

This unique kit has been developed to provide your laser lab most of the opto-mechanical and optical components which you need for different experiments with your lasers.

LIST OF ITEMS

(a) Opto-mechanical components

1. Precision mounts with X-Y micrometer motion for 1" optics	6 Nos.	9. Pin Holes 50, 100, 250 and 500 um	1 No.
2. -do- for 2" optics	3 Nos.	10. Beam Expander 5X, 10X	1No.
3. Base for above mounts	9 Nos.	11. Spatial Filter	1No.
4. Posts for above	9 Nos.	12. Filter Holder/Grating Holder	1No.
5. Pair of Polariser and Analyser with circular scales	2 Nos.	13. Screen	1 No.
6. Circular table with scale	1 No.	14. Measuring Tape	1 No.
7. Iris diaphragm with post	1 No.	15. Single Slit	1 No.
8. Precision X-Y-Z translation stage	4 Nos.	16. Silicon detector with mount	1 No.
		17. Light meter cum multimeter for the same	1 No.

(b) Optical Components

1. Set of convex lenses (Double convex and plano convex - 1" dia with holders) Focal lengths : 5, 10, 15, 20, 30, 40, 50, 100 cms.	16 Nos.	5. Microscopic objectives 5X, 10X, 15X with mounts	3 Nos.
2. Set of concave lenses (Same specifications)	16 Nos.	6. Beam Splitter 50/50 1" dia with holders	2 Nos.
3. Optical flat $\lambda/10$	2 Nos.	7. Total reflectors, 1" dia with holders	3 Nos.
4. Brewsters windows	4 Nos.	8. Right angle prisms	1 No.
		9. Transmission grating with holder	1 No.
		10. Cross grating with holder	