

Diffraction  
06/11/08

Diffraction Scanner (10 per room)				
Item	Manufacturer	Room	Cabinet	Qty.
Optical Rail	Spindler & Hoyer		In Rooms	1
Pin Carriers	Spindler & Hoyer	116	3	2
Laser on Rod	homemade	112	7 "O"	1
Diffraction Scanner Apparatus	homemade	112	12	1
USB to Brit tele cable	Vernier	112	22 – left side	2
Metal meter stick		116	3	1
Slits: Single, Double, and Multiple	Vernier	116	12	1



Spectrometer

(5 per room)				
Item	Manufacturer	Room	Cabinet	Qty.
Spectrometer	Pasco or AO	208	1, 2 &3	1
Diffraction Grating	Pasco	208	1, 2 &3	1
Low Intensity HG Lamp**		112	10	1
Ring Stand		112	top of 28	1

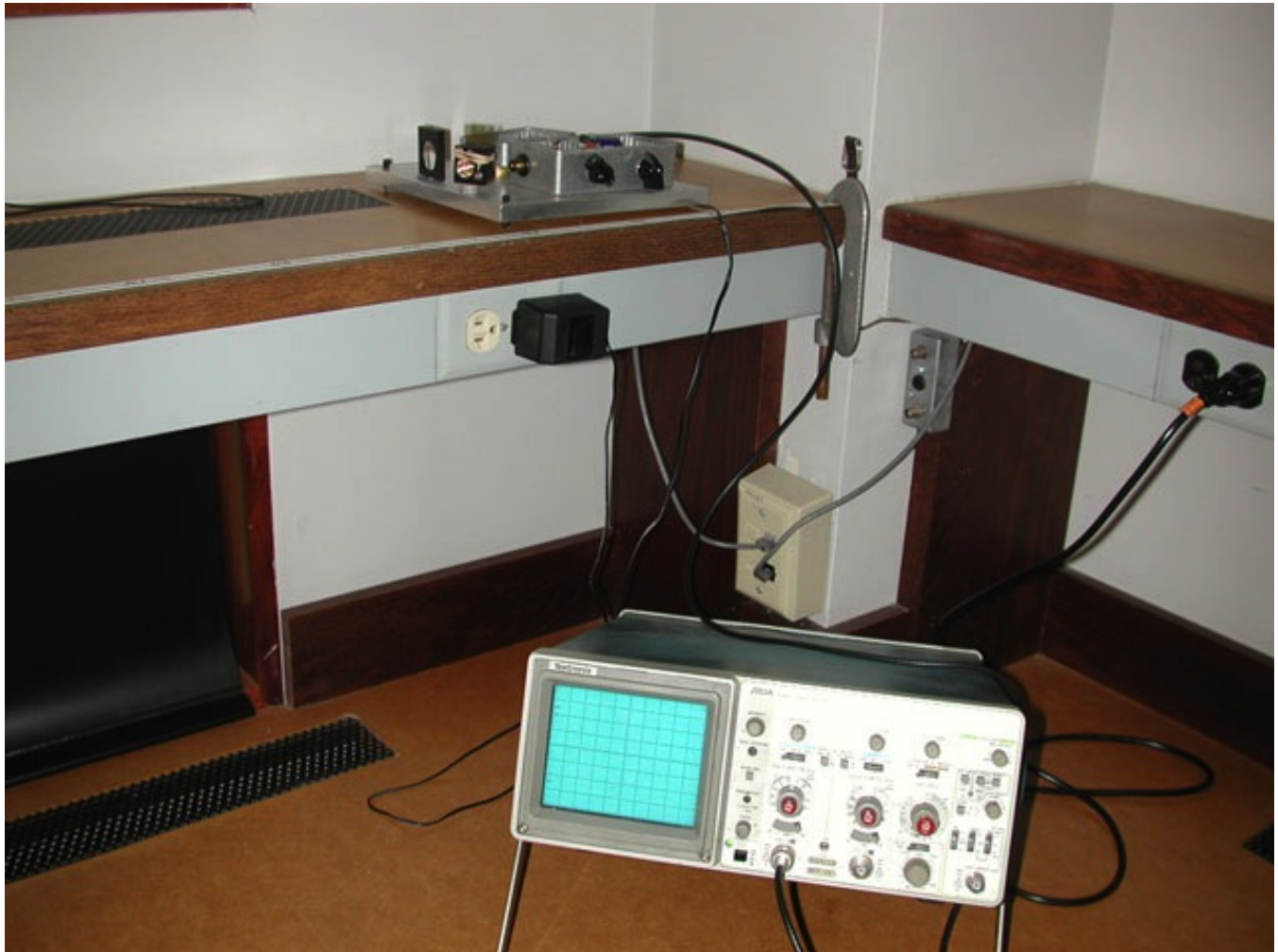
Notes: \*\*Use SMALL lamps WITHOUT the green filter.



Speed of Light



(1 per room)				
Item	Manufacturer	Room	Cabinet	Qty.
SOL Board w/ Laser & Detector		112	12	1
Front Surface Mirror (Remote)		112	12	1
Tape Measure (~20 ft)		112	12	1
Scope		112	16 & 17	1
BNC to BNC Cable			In Rooms	1
2 C Clamps w/Wooden Shims		112	12	1







Demo (1 per room)				
Item	Manufacturer	Room	Cabinet	Qty.
TV Diffraction		112	12	1
Single Filament Lamp***		112	***	1

Notes: \*\*\*Single Filament Lamps are in box in the left cabinet under the south bench directly under cabinet 3.



