

Component List for IR Radiography Apparatus

Component	Cost	Source
48x SFH 4547 IR LED	20.54	http://www.digikey.com/product-detail/en/SFH%204547/475-3002-ND/3461837
1g IRUCG- IR Phosphor	8.86	http://www.maxmax.com/aIRUpConversion.asp
6x ½ W 1 OHM Resistors	0.84	http://www.digikey.com/product-detail/en/CF12JT1R00/CF12JT1R00CT-ND/1830445
IC Board	0.99	http://www.mcmelectronics.com/product/21-4590&scode=GS401&CAWELAID=220241326
4x 9V Battery	5.0	http://www.amazon.com/UltraLast-Alkaline-General-Purpose-Battery/dp/B002KT7URA
Display Case 44020	2.99	http://www.containerstore.com/shop/collections/display/cubesCases?productId=10000577
10"x 10" Congo Blue Filter	2.99	http://www.amazon.com/181-Congo-Blue-Filter-Sheet/dp/B004GE67SK
4x 9V Battery Connectors	2.36	http://www.digikey.com/product-detail/en/BS6I/BS6I-ND/32055
3x 12" x 12" Acrylic Sheet	13.05	http://store.gissn.com/Sheet-Acrylic-Clear-0-093-T-12-x-12-In-p/1unk3.htm
4x Terminal Blocks	2.00	http://www.digikey.com/product-detail/en/1776275-2/A98036-ND/1826899
Instant Adhesive	1.05	http://www.grainger.com/Grainger/SUPER-GLUE-Instant-Adhesive-3EHP6?Pid
Wire	negligible	
Solder	negligible	
Cross-stitch	negligible	
Scrap Acrylic	negligible	
8ml Polyurethane	negligible	
Poster Tape	negligible	
2x 2" Objects	negligible	
Total Cost	60.07	