

11 53 Laboratory Equipment

11 53 03 – Laboratory Test Equipment

11 53 03.13 Test Equipment

0010	TEST EQUIPMENT	Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
1700	Thermometer, electric, portable				Ea.	293			293	320
1800	Titration unit, four 2000 ml reservoirs				"	6,625			6,625	7,275

11 53 13 – Laboratory Fume Hoods

11 53 13.13 Recirculating Laboratory Fume Hoods

0010	RECIRCULATING LABORATORY FUME HOODS									
0600	Fume hood, with countertop & base, not including HVAC									
0610	Simple, minimum	2 Carp	5.40	2.963	L.F.	740	167		907	1,050
0620	Complex, including fixtures		2.40	6.667		9,000	375		9,375	10,500
0630	Special, maximum	↓	1.70	9.412	↓	1,975	530		2,505	2,975
0670	Service fixtures, average				Ea.	875			875	960
0680	For sink assembly with hot and cold water, add	1 Plum	1.40	5.714		575	400		975	1,225
0750	Glove box, fiberglass, bacteriological					23,100			23,100	25,400
0760	Controlled atmosphere					1,475			1,475	1,625
0770	Radioisotope					16,300			16,300	18,000
0780	Carcinogenic				↓	16,300			16,300	18,000

11 53 16 – Laboratory Incubators

11 53 16.13 Incubators

0010	INCUBATORS									
1000	Incubators, minimum				Ea.	2,750			2,750	3,025
1010	Maximum				"	2,200			2,200	2,425

11 53 19 – Laboratory Sterilizers

11 53 19.13 Sterilizers

0010	STERILIZERS									
0700	Glassware washer, undercounter, minimum	L-1	1.80	8.889	Ea.	7,325	605		7,930	8,975
0710	Maximum	"	1	16		16,100	1,100		17,200	19,300
1850	Utensil washer-sanitizer	1 Plum	2	4	↓	7,675	279		7,954	8,875

11 53 23 – Laboratory Refrigerators

11 53 23.13 Refrigerators

0010	REFRIGERATORS									
1200	Blood bank, 28.6 C.F. emergency signal				Ea.	16,300			16,300	18,000
1210	Reach-in, 16.9 C.F.				"	8,450			8,450	9,300

11 53 26 – Laboratory Freezers

11 53 26.10 Freezers

0010	FREEZERS									
0012	Ultra low temp to -80 C, 27.5 C.F.				Ea.	27,400			27,400	30,100

11 53 33 – Emergency Safety Appliances

11 53 33.13 Emergency Equipment

0010	EMERGENCY EQUIPMENT									
1400	Safety equipment, eye wash, hand held				Ea.	440			440	485
1450	Deluge shower				"	275			275	300

11 53 43 – Service Fittings and Accessories

11 53 43.13 Fittings

0010	FITTINGS									
1600	Sink, one piece plastic, flask wash, hose, free standing	1 Plum	1.60	5	Ea.	286	350		636	835
1610	Epoxy resin sink, 25" x 16" x 10"	"	2	4	"	1,550	279		1,829	2,150
1950	Utility table, acid resistant top with drawers	2 Carp	30	.533	L.F.	199	30		229	264
8000	Alternate pricing method: as percent of lab furniture									
8050	Installation, not incl. plumbing & duct work				% Furn.				22%	22%