

LAB KITS

The lab kit components are listed below:

Components:

Resistor kit *	(1 to 1M, 5 each preferred values)
Capacitors	(1, 10, 100 nF ceramic, 1 μ F electrolytic)
2 Pots: 1k, 10k	(3/4 watt cermet)
2 x 1N4001 diodes	
3 x 741 op-amp	(includes a spare)
Transformer	(1:1 CT pr/sec)
Inductor	(100mH)

Hardware:

Breadboard	(two panels with 3 binding posts)
Pot screwdriver	

Connectors, etc:

Wire kit	(assorted lengths, stripped and formed, case)
BNC T	(for FG)
50-ohm termination	(for FG)
1 x banana-alligator lead	(for DVM)
3 x BNC-microclip	(2 scope leads, one FG lead)
(Use 3 wires for PS connections	Supplied free)

The resistor kit is overkill, but there is probably no saving by purchasing just what is needed in lower quantities. Basic requirement, though, would be 1 each preferred values 1, 1.5, 2.2, 3.3, 4.7, 6.8, 10 for ranges from 100 to 100K, plus 5 x 1K.)

This set should satisfy basic requirements.

Kits are purchased from the Bookstore.

Tool kit carrying cases should also be available at around \$20, and may be useful

If you get your own wire instead of getting the kit with the "wire kit" included, you will need a wire stripper/cutter tool (typ. ~ \$6)