

Charles H. Bowen
Wakefield, NH

The prices for this list were as of 6/14/08. Even though shipping was not considered the cost was further reduced because I used only one vendor.

After 36 years in electronic countermeasures this is what I would recommend as a Basic Electronics Workbench and why.

A triple output power supply for op-amps and digital logic. A basic DVM to measure voltages, current and resistances. A logic probe for very basic digital level measurements. A solderless bread boarding system for fast prototyping. A grounded soldering iron and wrist strap to deal with static sensitive components. A means of holding parts and protecting them from overheating while soldering. Last but not least a basic tool kit for crimping, cutting, stripping wire and attaching and securing hardware.

Since you learn by doing and some of the enjoyment is building your own test equipment the power supply and the logic probe listed below are kits.

Power Supply Kit Triple Output +/- 12 volts 125ma. +5 volts 500ma.	elexp.com	32PSTRPKIT	\$26.95
9 volt 1amp adapter	elexp.com	16D9	\$5.25
Multimeter Super Economy	elexp.com	01DMMAS830	\$10.95
Logic Probe Kit	elexp.com	32ERLOG	\$9.90
Breadboard Solderless 830 terminals, 3 binding posts, 70 piece jumper kit	elexp.com	03MB102PLTWWK	\$8.50
IC Extractor	elexp.com	060404	\$1.30
Wire 22 GA White 25 ft.	elexp.com	270022WH	\$.90
Helping hand with magnifier	elexp.com	060836	\$3.35
30 Watt grounded tip soldering iron	elexp.com	060512	\$3.75
Soldering stand with sponge	elexp.com	060841	\$.60
De soldering Wick	elexp.com	060800	\$.75
Mini long nose pliers 4 ½ inch	elexp.com	060210	\$1.75
Diagonal Cutters 4 ½ Deluxe	elexp.com	060201	\$2.50
Pliers 6in. Slip Joint	elexp.com	0602996	\$3.95

6 in 1 screwdriver Slotted 3/16, ¼ Phillip #1, #2 Nutdriver ¼, 5/16	elexp.com	0601NDR6	\$2.35
7 in 1 Hand Tool Wire stripper #22-30 AWG, wire cutter steel, wire cutter, Pliers, wire loop, scale mm inches, crimping tool.	elexp.com	0602HT1043	\$4.95
Adjustable Wrench 6 in.	elexp.com	0601828-6	\$4.00
Precision Knife 5in. #11 blade	elexp.com	0604X3690	\$1.85
Clamp/hemostat 5in. Straight	elexp.com	0604356	\$2.25
Wrist Strap Adjustable Band 6ft. Cord	elexp.com	1302-BWS201	\$3.95
		TOTAL	\$99.75