

## Robox Tools List R1 – 090915

This is a list of recommended tools for use with the programmable roboxsumo program. I've tried to give examples of each items and suggestions on where to find an economical version. Please feel free to go to the sources that you find best. Let me know if you find better options.

1. Small Phillips screwdriver
2. Small flat head screwdriver
3. Needle nose pliers with cutting jaw
4. Wire stripper pliers
5. Diagonal cutter pliers
6. Multimeter
7. Hot glue gun
8. Utility knife
9. Shears/Scissors
10. Marker
11. Pencil
12. Ruler –

Suggested models and vendors – Please substitute for availability and cost effectiveness.

1 & 2 – Small Phillips and small flat head screwdriver

Lowes PN – 0525811 is a two pack with the perfect #0 Philips and 1/8" flat  
Cost - \$1.98 for both screwdrivers



3. Needle nose pliers – Short nose is nice but a longer nose is OK. I bought these at Harbor freight.

Harbor Freight – 40697 Cost \$1.99



4. Wire Stripping Pliers

Want to cut and strip wire.

Harbor freight – 98410 cost \$4.99 (on sale)



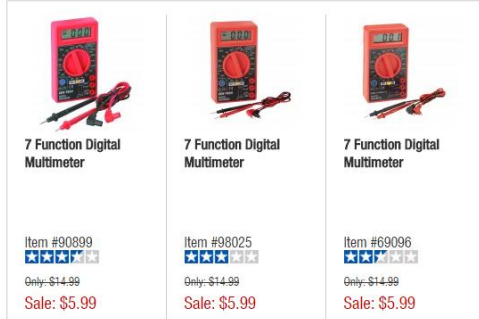
5. Diagonal Cutter pliers – small

Harbor Freight – 40695 – cost \$1.79 (on sale)



## 6. Multimeter

I have a large supply of this model – very inexpensive and if the students damage it, no big deal.  
Harbor Freight – Multiple PN – Always on sale \$5.99



## 7. Hot Glue gun

I like the Arrow model for the 5/16 glue sticks from Lowes. I have 30 or 40 of these. Low cost and almost disposable. They use the 5/16 mini glue sticks (Lowes 174523 for 24 pack \$5.28). You must get the right size glue sticks for the glue gun or it will not feed properly. A typical robox group uses 2-3 glue sticks (max).

Glue gun Arrow model MT300 – Lowes 74451 – Cost \$4.98



## 8. Utility Knife

Need a simple – retractable utility knife – Many options under \$3.00 each

I also have 30-40 of these.

LOWES



### Project Source Retractable Utility Knife

Item #: 307987 | Model #: 53907

★★★★★ 25 reviews | Write a review

\$2.98

Harbor Freight

### Retractable Utility Knife

Gordon - Item#3359






[Read 12 Reviews](#)

[Write A Review](#)

Nine-position retractable blade utility knife



Only: \$4.99

SHARE   

**Sale: \$1.99**

Qty:

**ADD TO CART**

### 9. Shears/Scissors

These need to be sturdy shears that can cut cardboard. I like the following set from Lowes. I have 40+ sets of these.

Lowes 382002 Cost \$4.98



### Clauss 2-1/2-in Stainless Steel Bent Scissors

Item #: 382002 | Model #: 18516

★★★★★  3 reviews | [Write a review](#)

**\$4.98**

### 10,11,12 – Marker/Pencil/Ruler

A standard sharpie marker, a #2 pencil and a typical 12" school ruler.

All available from multiple sources.

This is a GREAT dollar tree Item. Plan to have a large supply of all three items.