## **DIY Common Tools for Electronics**

You will find Here a List of Common Tools Used For Electronics DIY. You don't absolutely **need** to have all of these things, but it sure helps!

Using a tool for purposes other than those for which it was designed can be just a little more difficult, or downright dangerous. Please be safe :)

# **General / Safety**

#### General

- Workbench Protect your house, have a proper work area
- Storage Unit Put your tools and components somewhere safe
- Small Plastic Cups Somewhere to put things temporarily. Don't leave your kit lying around.

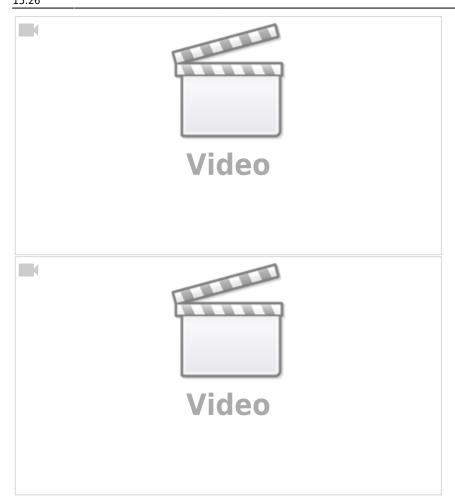
#### Safety

- Safety Glasses Protect your sense of sight
- Face mask Protect your lungs
- Fire Extinguisher Don't let your soldering iron start a fire you can't put out
- Fire Blanket As above
- Soldering Smoke Absorber/Ventilator MMmmm, Lead smoke. Mmmmm, Cancer. Mmmm, Insanity. Mmm.... I think not.

### **Electrical Instruments**

- Multimeter For testing circuitry Voltages, Resistors and Transistors
- Oscilloscope For testing signals. Dual trace is better, allow signals comparison
- Power Supply Regulated lab power supply . Help in getting the right Voltages inputs

#### **Video Tutorials**



# **Soldering**

- Soldering Iron or Station with Stand-Temperature controlled
- **Solder** Good quality solder for good quality joints, 63/37 Eutectic
- **Desoldering Pump** - For removing soldered chips
- Soldering Iron Tip Cleaner Take care of your tools
- Tinning Block for taking care of soldering iron tips
- PCB Holders Make soldering easier and cleaner

## **Trimming and Fastening**

- Wire Strippers For stripping insulation from cabling
- Pliers Set Various Sizes and types
- Side Cutters For trimming componenet leads
- Screwdriver Set Various sizes
- Spanner Set Various sizes, including shifter spanners
- Socket Set Various sizes
- IC Puller Little tool for pulling IC's from sockets
- IC Placer Little tool for putting IC's in sockets, spreads even pressure over all the pins
- Claw One of those little pens with a three-fingered claw for grabbing loose bits from where fingers can't reach

- IDC Crimping Tool Because doing it with pliers sucks
- Electrical Tape Too many uses to list

### Misc

- Mirror Little mirror on a telescopic shaft for peeking where your eyes can't reach
- Compressed Air Can For cleaning stuff by blasting off dust

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