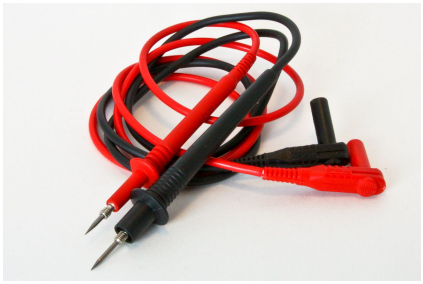
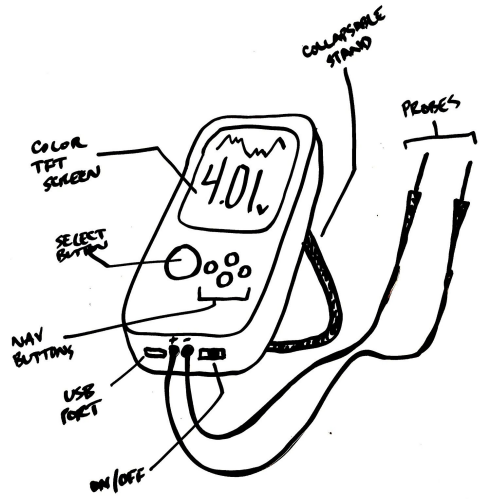
Form Proposal

Mood Board

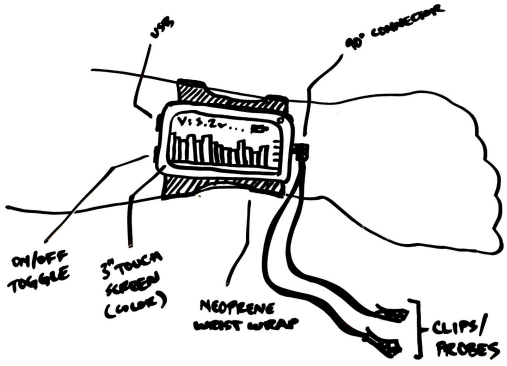
The important characteristics of this device include the ability to clip on to the power source being tested, the way in which the data will be visualized, the method through which the user will select data and modes, as well as the way in which the device will be held or attached to a device or the user.



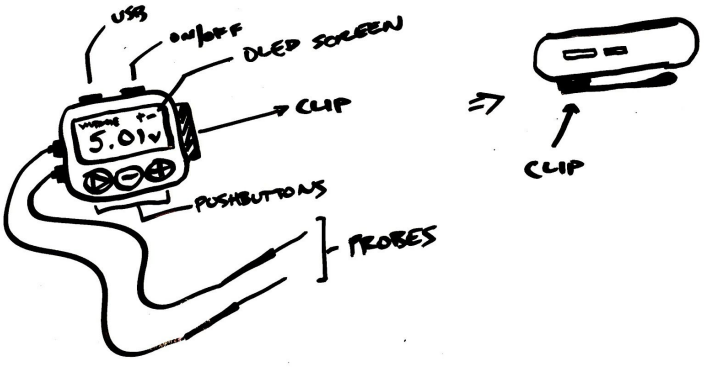
Aesthetic Concepts



Concept 1
Desktop Battery Meter - The Desktop Battery Meter mimics a traditional multimeter in that it can be used on a workbench with ease. It can either be laid flat or propped up using an embedded multi-position stand to give the user a variety of viewing angles.



Concept 2
Wearable Battery Meter - The Wearable Battery Meter allows the user to work in a variety of non-traditional environments and gives the user the ability to monitor voltages from their wrist. This creates a convenience for the user because it gives them hands-free access to the monitor.



Concept 3
Clip-On Battery Meter - The Clip-On Battery Meter includes a built in clip for attaching the meter to a variety of surfaces and edges. This allows the user to work in non-traditional environments, as well as workbench areas.

Concept Summary

After reviewing the strengths and weaknesses of each design, it seems that the Clip-On Battery Meter will fulfill the greatest range of functional requirements. It offers the standard utility of the Desktop Meter while still incorporating some of the non-traditional uses that were explored in the Wearable Battery Meter. Some particular challenges to be aware of will be making the clip versatile enough to be used in a variety of ways without adding unnecessary bulk to the overall design.