Your Very Own Borate Glass

Materials

Ceramic Crucibles
Sigma-Aldrich
15 mL (pack of 12)
http://www.sigmaaldrich.com/catalog/product/aldrich/z247111
30 mL (pack of 12)
http://www.sigmaaldrich.com/catalog/product/aldrich/z247138

Alumina Crucibles
AdValue Technology
20 mL (individual)
https://www.advaluetech.com/products/alumina/alumina-crucible-high-form

Boric Acid
Sigma-Aldrich
Various weights, from 100g-5kg
http://www.sigmaaldrich.com/catalog/product/sigald/b0394

Copper Oxide
Sigma Aldrich
http://www.sigmaaldrich.com/catalog/product/sigald/208841

Iron Oxide
Sigma Aldrich
http://www.sigmaaldrich.com/catalog/product/sigald/12342
**Bosshead Clamp**

Southern Labware

[https://www.southernlabware.com/clamp-holder-cast-iron.html?utm_source=google_shopping&gclid=CjwKEAjw16HLBRDF9L2UmOCH7U8SJAAES0vALPvYmyILYQmjeCl_YJJRD60STwEf1_xgkiM1jddhoCpc3w_wcB](https://www.southernlabware.com/clamp-holder-cast-iron.html?utm_source=google_shopping&gclid=CjwKEAjw16HLBRDF9L2UmOCH7U8SJAAES0vALPvYmyILYQmjeCl_YJJRD60STwEf1_xgkiM1jddhoCpc3w_wcB)

Avogardo’s Lab Supply Inc.

[https://www.avogadrolab-supply.com/item/Nickel_Plated_Boss_Head_Clamp_Holder/718/c130](https://www.avogadrolab-supply.com/item/Nickel_Plated_Boss_Head_Clamp_Holder/718/c130)

**Extension Clamp**

United Scientific Supplies, Inc. (Bosshead not needed for this item)


Microscopes America (Plain jaw burette clamp, #97-1901)


**Laboratory Stand**

Grainger (20 in. tall)


Grainger (24 in. tall)


**Scoopula**

Science Company

[https://www.sciencecompany.com/Scoopula-Stainless-Steel-6-12-inch-P16134.aspx](https://www.sciencecompany.com/Scoopula-Stainless-Steel-6-12-inch-P16134.aspx)
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Propane Tank
Home Depot
http://www.homedepot.com/p/Bernzomatic-14-1-oz-Propane-Gas-Cylinder-304182/202044700

Propane Tank Nozzle
Home Depot
http://www.homedepot.com/p/Bernzomatic-WT2301-Self-Igniting-Basic-Torch-Head-WT2301/202539575

Safety Goggles
MSC Direct
https://www.mscdirect.com/browse/tnpla/40764961?cid=ppc-google-New+-+Safety+-+PLA_sQuL1uGuI__164110844835_c_S&mkwid=sQuL1uGuI|dc&pcrid=164110844835&rd=k&product_id=40764961&gclid=CjwKEAjw16HLBRDF9L2UmOCH7U8SJAASVESoyA2losrP0dJEiArGy3X3wLuHxCoAmZOSHtqCv6eFqxoCvW_w_wcB
IndustrialSafety
https://www.industrialsafety.com/3M-40661-00000-10-334Af-Chemical-Splash-Goggle-Cle-p/665573051.htm?gclid=CjwKEAjw16HLBRDF9L2UmOCH7U8SJAASVESo3S7GfMU8RZSPRHpilL1pFqZ866aG3dJl35jd236jk5RoCsx3w_wcB

Heat-resistant Gloves
Global Industrial (men’s size)
Global Industrial (women’s size)