

1 Items Ordered for Sapphire System

- Sapphire Cell, Saint Gobain Saphikon, < \$1500.00, K375322
 - O.D. 5mm, I.D. 3mm, 7 in long, 3 have been ordered
 - <http://www.saphikon.com/>
 - Phone: 800-899-5831
- Epoxy Glue-Eccobond, Emerson and Cuming, free sample
 - <http://www.emersoncuming.com/ContactUs/Facilities/Sales/index.jsp?c=167>
 - Phone: 781-828-3300
- Ti 6-4 Autoclave, Ti 6-4 Nipple, President Titanium, \$155.00, K275315
 - <http://www.presidenttitanium.com/>
 - Phone: 1.800.225.0304
- Quartz Tubes, National Scientific Co., < \$100.00, K275322
 - 10 of $2mm \times 3mm$, 3×4 , 3×5 , 3×6 , 4×6 , 1 end closed, 7in long
 - <http://www.quartz.com/>
 - Phone: 215-536-2577
- Needle Valve/Relief Valve, not ordered, Autoclave Engineers, \$2213.00, K376104
 - 4 Needle Valve 20SM4081
 - 1 Safety Head CSX4600
 - 1 Rupture Disk P-7311
 - 4 T Coupler CTX4440
 - 2 Elbow CLX4400
 - 3 Coupler 20FX4466
 - 35 .25in Tubing MS15-092
 - 1 Torque Wrech/Adapter P-1680/P-1681
 - 1 Coning Tool MCTM4
 - 1 Threading Tool 402A
 - 1 Seat Reamer P-0270CX
 - 1 Jet Lube SS 30, P-3580
 - http://www.snap-tite.com/Autoclave_Engineers/index4.html
 - Phone: 814-838-5700
 - Kinequip Inc, local 704-597-2111

- Teflon burst protection, NMR Tubes, < \$160.00, K376117
 - <https://www.nmrtubes.com/teflon.htm>
 - Phone: 1-800-519-3688
- O-ring, not ordered, Macrorubber, \$25.00, K390577
 - 10 Viton O-rings, #109, .5in outside diameter
 - <http://www.marcorubber.com/>
 - 1-800-775-6525
 - seems we have an account with them already, # 4441
 - order online, and likely get a discount

2 Shipping and Billing Address

ATTN: Michael Good
Dept of Physics and Astronomy
141 Phillips Hall, CB # 3255
Chapel Hill, NC 27599

NC Tax Exempt Number : 400028
(should be given with all orders)