

**UNIVERSITY RESEARCH INSTRUMENTATION CENTER  
PRICE LIST**

**Effective July 1, 2014 - June 30, 2015**

**Gases, Liquids, Rentals, Delivery and Labor**

<b>Item Code</b>	<b>Item Description</b>	<b>U/M</b>	<b>Internal U of A</b>
ACETBC40	Acetylene, Dissolved, BC, 40 cf	cylinder (cyl)	\$31.02
ACETBPOL40	Acetylene BPOL, 40 cf	cylinder (cyl)	\$39.35
ACETLAG220	Acetylene, Dissolved LAG 220 cf	cylinder (cyl)	\$100.29
ACETMC10	Acetylene, Dissolved, MC, 10 cf	cylinder (cyl)	\$33.63
ACETSAG125	Acetylene, Dissolved, SAG 125 cf	cylinder (cyl)	\$39.11
AIRBQ213	Breathing Air, Compressed, 213cf	cylinder (cyl)	\$23.18
AIRCO2955	Air/CO2 95/5, Industrial, Compressed, 236cf	cylinder (cyl)	\$30.25
AIRMED238	Air, Medical Grade, Compressed, 238cf	cylinder (cyl)	\$28.08
AIRUZ238	Air, Ultra Zero, Compressed, 238cf	cylinder (cyl)	\$140.23
AR150	Argon, Compressed, 150cf	cylinder (cyl)	\$25.69
AR249	Argon, Compressed, 249cf	cylinder (cyl)	\$35.17
AR280	Argon, Compressed, 280cf	cylinder (cyl)	\$42.67
AR336	Argon, Compressed, 336cf	cylinder (cyl)	\$51.86
AR55	Argon, Compressed, 55cf	cylinder (cyl)	\$29.08
AR57	Argon, Compressed, 57cf	cylinder (cyl)	\$29.08
ARCO27525	Argon/CO2, 75/25, Compressed, 261cf	cylinder (cyl)	\$39.39
ARCO27525CF55	Argon/CO2, 75/25, Compressed, 55cf	cylinder (cyl)	\$30.21
ARUHP255	Argon, UHP, Compressed, 255cf	cylinder (cyl)	\$60.12
BLSHLD8356CF	Blueshield, Argon/CO2, 356cf	cylinder (cyl)	\$78.73
CO210	Carbon Dioxide, Compressed, 10 lbs	cylinder (cyl)	\$21.18
CO215	Carbon Dioxide, Compressed, 15 lbs	cylinder (cyl)	\$23.50
CO22.5	Carbon Dioxide, Compressed, 2.5 lbs	cylinder (cyl)	\$19.18
CO220	Carbon Dioxide, Compressed, 20 lbs	cylinder (cyl)	\$12.52
CO220%BALHE230CF	Carbon Dioxide 20%/Balance Helium	cylinder (cyl)	\$187.13
O220%BALN2230CF	Carbon Dioxide 20%/Balance N2	cylinder (cyl)	\$169.56
CO250	Carbon Dioxide, Compressed, 50 lbs	cylinder (cyl)	\$16.04
CO250C	Carbon Dioxide, Coleman grade, Compressed, 50 lbs	cylinder (cyl)	\$94.30
CO250S	Carbon Dioxide, Compressed, Siphon tube, 50 lbs	cylinder (cyl)	\$16.04
CO2MED50	Carbon Dioxide, Medical Grade, Compressed, 50 lbs	cylinder (cyl)	\$38.13
CO2MED6E	Carbon Dioxide, Medical Grade, Compressed, 50 lbs	cylinder (cyl)	\$35.37
COOLDOWN	Helium Dewar Cool Down Charge	each (ea)	\$15.00
Cryo Labor	Cryogenics Labor	hour (Hr)	\$58.60
CYLSTAND	Cylinder Stand, Large	each (ea)	\$91.94
Delivery	Delivery Fee (off-campus or rush)	each (ea)	\$11.46
DIBLOCK	Block Dry Ice	pound (lb)	\$1.03
DIPELLET	Pellet Dry Ice	pound (lb)	\$1.03
DISLICED	Sliced Dry Ice	pound (lb)	\$1.43
H2131	Hydrogen, Compressed, 131cf	cylinder (cyl)	\$39.94
H2197	Hydrogen, Compressed, 197cf	cylinder (cyl)	\$37.76
HE223	Helium, Compressed, 223cf	cylinder (cyl)	\$70.10
HE55	Helium, Compressed, 55cf	cylinder (cyl)	\$31.40
HERSCH223	Helium, Research, Compressed 223cf	cylinder (cyl)	\$544.54
HERSCH291	Helium, Research, Compressed 291cf	cylinder (cyl)	\$544.54
HEUHP223	Helium UHP, Compressed, 223cf	cylinder (cyl)	\$93.65
LAR	Liquid Argon	liter (l)	\$1.87
LAR160	Liquid Argon, 160 liters	Dewar (dwr)	\$299.20
LAR180	Liquid Argon, 180 liters	Dewar (dwr)	\$336.60
LCO2300	Carbon Dioxide, Refrigerated, 300 lbs	Dewar (dwr)	\$91.72
LHE	Liquid Helium	liter (l)	\$11.63

Item Code	Item Description	U/M	Internal U of A
LN2	Liquid Nitrogen <160 liters	liter (l)	\$0.67
LN2160	Liquid Nitrogen, Refrigerated, 160 ltrs	Dewar (dwr)	\$92.80
LN2180	Liquid Nitrogen, Refrigerated, 180 ltrs	Dewar (dwr)	\$104.40
LN2220	Liquid Nitrogen, Refrigerated, 220 ltrs	Dewar (dwr)	\$127.60
LN2240	Liquid Nitrogen, Refrigerated, 240 ltrs	Dewar (dwr)	\$139.20
LN2450	Liquid Nitrogen, Refrigerated, 450 ltrs	Dewar (dwr)	\$261.00
LN2FILL	LN2 Fill Service	each (ea)	\$33.30
N2125	Nitrogen, Compressed, 125cf	cylinder (cyl)	\$17.83
N2150	Nitrogen, Compressed, 150cf	cylinder (cyl)	\$17.83
N2210	Nitrogen, Compressed, 210cf	cylinder (cyl)	\$20.85
N2280	Nitrogen, Compressed, 280cf	cylinder (cyl)	\$21.29
N2341	Nitrogen, Compressed, 341cf	cylinder (cyl)	\$38.42
N255	Nitrogen, Compressed, 55cf	cylinder (cyl)	\$20.75
N280	Nitrogen, Compressed, 80cf	cylinder (cyl)	\$21.59
N2H29010	N2/H2, 90/10, Compressed, 234cf	cylinder (cyl)	\$74.89
N2H2955	N2/H2, 95/5, Compressed, 234cf	cylinder (cyl)	\$74.89
N2RSCH234	Nitrogen Research, 234c	cylinder (cyl)	\$335.40
N2UHP249	Nitrogen UHP, Compressed, 249cf	cylinder (cyl)	\$60.57
N2UHP304	Nitrogen UHP, Compressed, 304cf	cylinder (cyl)	\$60.57
O2125	Oxygen, Compressed, 125cf	cylinder (cyl)	\$14.97
O214	Oxygen, Compressed, 14cf	cylinder (cyl)	\$14.54
O2198	Oxygen, Compressed, 198cf	cylinder (cyl)	\$16.23
O225	Oxygen, Compressed, 25cf	cylinder (cyl)	\$24.53
O2256	Oxygen, Compressed, 256cf	cylinder (cyl)	\$19.65
O235	Oxygen, Compressed, 35cf	cylinder (cyl)	\$24.54
O255	Oxygen, Compressed, 55cf	cylinder (cyl)	\$14.97
O2CO2955	O2/CO2 95/5, Industrial, Compressed, 228cf	cylinder (cyl)	\$38.78
O2CO2MED955	O2/CO2 95/5, Medical, Compressed, 228cf	cylinder (cyl)	\$49.81
O2MED249	Oxygen, Medical Grade, Compressed, 249cf	cylinder (cyl)	\$29.18
O2MED281	Oxygen, Medical Grade, Compressed, 281cf	cylinder (cyl)	\$29.18
O2MEDE	Oxygen, Medical Grade, Compressed, E	cylinder (cyl)	\$15.60
O2UHP256	UHP Oxygen, Compressed, 256cf	cylinder (cyl)	\$142.44
O2UHP337CF	UHP Oxygen, 337cf	cylinder (cyl)	\$130.07
P10ARCH4	Argon/Methane, 90/10, Compressed, 261cf	cylinder (cyl)	\$147.32
PROP5	Propane, Liquefied, 5 gallons	cylinder (cyl)	\$27.80
PROP7	Propane, Liquefied, 7 gallons	cylinder (cyl)	\$38.92
PROPANE	Propane, Liquefied	gallon (ga)	\$5.56
RENT-CYL	Cylinder Rentals (UA owned cylinders)	day (day)	\$0.11
RENT-CYL	Cylinder Rentals (Vendor owned)	each (ea)	13.38%
RENT-Dewar	Dewar Rentals	day (day)	\$1.20
TOXIC CHANGE OUT	TOXIC GAS CHANGE OUT LABOR	hour (Hr)	\$100.45
Varies	Specialty Gas Orders	each (ea)	13.00%
<b>FX items and Materials</b>			
RDC-05	Dry Chemical Recharge/Rebuild (2.5/5.0 lbs)	Each	\$20.90
RDC-10	Dry Chemical Recharge/Rebuild (10 lbs)	Each	\$25.30
RDC-20	Dry Chemical Recharge/Rebuild (20 lbs)	Each	\$33.00
H-DCh	Dry Chemical Hydrotest	Each	\$16.01
CO2-05	CO2 Recharge/Rebuild (5 lbs)	Each	\$16.50
CO2-10	CO2 Recharge/Rebuild (10 lbs)	Each	\$19.80
CO2-15	CO2 Recharge/Rebuild (20 lbs)	Each	\$22.00
H-CO2	CO2 Recharge/Rebuild	Each	\$20.90
FX Materials	Items or Hardware not included in Rebuild.	Markup	17.73%
CONDEMNED	Condemn Fee	Each	\$11.00
FXAINSP	Inspection Only	Each	\$2.53