



## Winery Lab Starter Kit

Equipment and supplies required for successful small-scale winemaking.

www.Indianawines.org

WINERIES  
of Indiana

<b>Sugar at Harvest (Brix)</b>		
• Refractometer		47.00
<b>Titrateable Acidity</b>		
• Automatic Burette (clear, 25 mL)		55.00
• Beakers (400 mL)		24.50
• Sodium Hydroxide Solution (0.1n)		8.05
• Pipet (10mL)		3.10
<b>pH</b>		
• pH Meter		120.00
• Electrode Storage Solution		10.00
• Buffer Solution pH 3		6.25
• Buffer Solution pH 7		5.40
• Magnetic Stir Plate		67.50
• Distilled Water		2.00
• Water Bottle		3.20
<b>Sulfur Dioxide (SO<sub>2</sub>) Addition</b>		
• Scale (0.1 g x 600 g)		72.00
• Pocket Calculator		5.00
• Potassium Metabisulfite		6.75
• Spoon		1.00
<b>SO<sub>2</sub> Analysis (Aeration/Oxidation Method)</b>		
• Aspirator		165.00
• Automatic Burette (clear, 25 mL)		55.00
• Pipet (10mL)		3.10
• Indicator Solution		5.55
• Hydrogenperoxide Solution (3%)		2.00
• Phosphoric Acid Solution (25%)		27.97
• Sodium Hydroxide Solution (0.01n)		5.70
<b>Sugar during Fermentation (Brix)</b>		
• Hydrometer (0-38 Brix)		10.00
• Graduated Cylinder (500 mL)		8.50
• Thermometer		3.95
<b>Sugar after Fermentation (Residual Sugar)</b>		
• Clinitest Tablets		12.45
• Disposable Pipets (1 mL)		1.60
• Test Tubes (10 mL)		10.75
• Test Tube Rack		2.30
<b>Safety Supplies</b>		
• Goggles		3.25
• Disposable Gloves		6.75
<b>Total Cost (\$):</b>		<b>760.62</b>



### SUGGESTED SUPPLIERS:

Cynmar Corporation  
[www.cynmar.com](http://www.cynmar.com)

Presque Isle Wine Cellars  
[www.piwine.com](http://www.piwine.com)

Vinquiry  
[www.vinquiry.com](http://www.vinquiry.com)

