



duoPUR/subCLEAN

Sub-boiling Distillation Systems | ROI

How much will you save each month?
How fast will the system pay for itself?

Example: If you process 200 samples per month, using 10 mL of ultrapure nitric acid per sample, you use 2L of ultrapure acid at a cost of \$1,719.84 per month (see pricing chart below). 6L of reagent grade acid would only cost you \$256.80 per month. By distilling this lower grade acid (using either the subCLEAN or duoPUR), you would save \$1,463.04 per month; the subCLEAN/suoPUR pays for itself in just less than 1 year.

Sample Acid Pricing*	Ultra Pure Grade per L	Reagent Grade per L
Nitric	\$859.92	\$42.80
Hydrochloric	\$833.12	\$30.14

*Sample pricing based on J.T. Baker Chemical – 2011

Calculate your potential monthly savings filling in your own information below:

Average Liters of Ultra Pure Acids you use per month X cost per L =
BOX A

Same Number of Liters X cost per L =
**but now using Reagent Grade Acid

BOX B =

Subtract Box B from Box A to tell you how much you will save per month on acid
BOX C

** Some acid may be consumed for routine cleaning procedures. This worksheet should only be taken as an approximation of cost savings.

Calculate how long it will take for the instrument to pay for itself:

Cost of the unit	If you purchase a subCLEAN
<input type="text"/> \$	Divide cost by Box C <input type="text"/> \$\$
Cost of the unit	If you purchase a duoPUR
<input type="text"/> \$	Divide cost by Box C <input type="text"/> \$

