



# ROI calculator for duoPUR & subCLEAN

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

Example: If you process 200 samples per month, using 30 mL of ultrapure nitric acid per sample, you use 6L of ultrapure acid at a cost of \$5,159.52 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, you would save \$4,902.72 per month; the duoPUR in just over 3 months.

Sample Acid Pricing*	Ultra Pure Grade per L	Reagent Grade per L
Nitric	\$850.50	\$42.16
Hydrochloric	\$786.80	\$25.12

\*Sample pricing based on J.T. Baker Chemical – 2017

Fill in your own information below to calculate your potential monthly savings:

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:

<i>Cost of the unit</i>	<i>If you purchase a subCLEAN</i>
_____ \$	Divide cost by Box C _____ \$
<i>Cost of the unit</i>	<i>If you purchase a duoPUR</i>
_____ \$	Divide cost by Box C _____ \$