



ROI calculator for duoPUR & subPUR

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

Example: If a lab processes 200 samples per month using 30 mL of ultra-pure nitric acid (J.T. Baker Ultrex II) per sample, it will use 6 L of ultra-pure acid at a cost of \$6,120.00 per month, or \$1,020.00 per liter per month. Six liters of reagent-grade acid (Sigma-Aldrich) would only cost approx. \$264.00 per month, or \$44.00 per liter per month. By distilling this lower-grade acid, \$5,856.00 would be saved every month, which translates to the duoPUR paying for itself in about 5 months.

| Sample Acid Pricing | Ultra-Pure Grade per Liter (J.T. Baker <i>Ultrex II</i>) | Reagent Grade per Liter (<i>Sigma Aldrich</i>) |
|---------------------|--|---|
| Nitric | \$1,020 | \$44.00 |
| Hydrochloric | \$1,000 | \$43.00 |

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

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

BOX B =
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 | |
|------------------|----------------------------|--------|
| | Cost divided by Box C | months |

| Cost of the unit | If you purchase a duoPUR | |
|------------------|--------------------------|--------|
| | Cost divided by Box C | months |