

Preventive Maintenance



Ensuring increased **uptime** and **productivity**
for today's results-driven lab



Critical to prevent

Meet the demands of your lab with preventive maintenance

Factors such as the environment, daily usage, diversity of users and level of care can have an adverse effect upon an instrument's daily performance as well as shorten its lifespan. An instrument that may not be used frequently is still subject to environmental factors that can degrade performance.

Sixty years of global instrumentation experience has shown us that continuous care and a robust maintenance schedule can minimize downtime and extend the life of your instrument. And that's exactly why many pharmaceutical, environmental, petro-chemical and chemical labs are taking advantage of *OneSourceSM Laboratory Services* Preventive Maintenance (PM) visits to help them to achieve increased uptime and productivity while protecting their instrument investment.

Preventive Maintenance – a function of PerkinElmer's instrument design

At PerkinElmer the ability to perform preventive maintenance on an instrument is a custom protocol carefully worked into an instrument's design. Preventive maintenance built specifically for your instrument ensures that you are able to take appropriate action before any potential downtime occurs.

Expert support at regular intervals minimizes downtime

There are daily activities that users can perform to protect their instrument, but nothing can substitute for an annual preventive maintenance check by a PerkinElmer *OneSource Laboratory Services* factory-trained engineer.

Not only preventive, but predictive maintenance

OneSource engineers diagnose impending problems and propose remedial actions that need to be taken to avoid system failure. Knowing the signs of wear, corrosion, discoloration, evidence of rubbing, damage, presence of foreign objects, missing parts or the presence of wrong parts is part of the diagnostic which is interpreted for impact on future instrument performance. Exacting measurements on alignment of pumps, dynamic balance



service

downtime



of rotating assemblies and shaft axial variances are just examples of the analysis that is customized for each instrument.

PerkinElmer OneSource Engineers – Specialist who know their craft

PerkinElmer engineers are the cornerstone of PerkinElmer's *OneSource Laboratory Services*, a global support organization comprised of more than 1,000 service professionals operating in 120 countries to service the broadest range of analytical instruments in the world.

The breadth and expertise of our service force is combined with the latest computerized diagnostic equipment and detailed instrument information specific to the year of instrument manufacture, model and serial number. This ensures that the most optimal preventive maintenance is performed on your instrument. Information on the latest service procedures, diagnostic information and factory-issued Technical Service Bulletins is communicated throughout the organization to ensure our level of engineer specialization is unmatched.

Ensuring the safety of your instrument and your staff

Breakthrough instrument technology comes with associated hazards such as high voltage transformers and lasers. PerkinElmer *OneSource* engineers know the potential danger once the instrument cover is raised. To maintain the safety of your lab, *OneSource* engineers carry comprehensive insurance protection and ensure that proper safety protocol is observed at all times.

Protect Your Instrument Investment!

Schedule a preventive maintenance visit today via telephone, email or online:

Telephone: 1 (800) 762-4000 (U.S. & Canada only)
To call your local PerkinElmer office visit www.perkinelmer.com/lasoffices

Email: techsupport@perkinelmer.com
(North or South America, Asia, and Australia)
techsupport.europe@perkinelmer.com
(Europe, Middle East and Africa)

Online: Visit www.perkinelmer.com/pm

In addition to the **prevention of downtime**, there are many **additional benefits** to preventive maintenance:

- › Extension of the useful life of the instrument
- › Avoid premature capital expenditure
- › Less probability of a costly breakdown
- › More reliable instrument
- › Increased likelihood that the instrument will maintain its specifications
- › Minimization of potential contamination issues
- › A safer instrument for staff



OneSource Laboratory Services

Preventive maintenance is just one of the service options available as part of PerkinElmer's NEW service business – *OneSource Laboratory Services*.

Your Single Source for:

- › Instrument care and repair
- › Validation Services
- › Software and hardware upgrades
- › Training and consulting
- › Partnerships

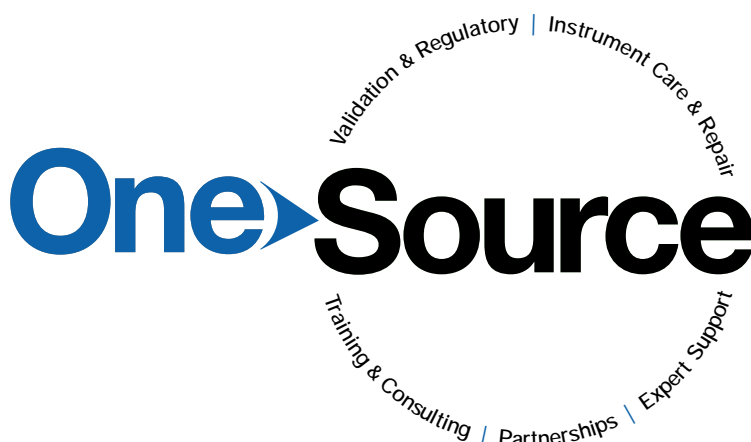
There is a growing demand for higher productivity within the lab and an increase in the complexity of installing instruments, qualifying operators and documenting laboratory processes to comply with regulatory requirements.

Partnering with PerkinElmer *OneSource Laboratory Services* will allow you to focus on your core research and analytical tasks while we focus on increasing your productivity and compliance. It's a smart choice.

PerkinElmer *OneSource Laboratory Services*

Lets you take care of business and set your sights on what matters most – RESULTS.

For more information on OneSource offerings, visit www.perkinelmer.com/onesource



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