

JANUS

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## JANUS Oil Prep Workstation

### Need high throughput sample preparation for wear metals analysis?

The **JANUS® Oil Prep Workstation** automatically dilutes oil samples with kerosene, in preparation for wear metals analysis by inductively coupled plasma (ICP), such as with PerkinElmer's Optima™ ICP-OES.

- **Improved productivity and efficiency** – 8-tip JANUS configuration pipettes 8 samples simultaneously for high throughput
- **Flexibility** – 8-tip Varispan® arm delivers the flexibility to **access original sample containers**
- **Innovative** – Ultrasonic technology for non-contact detection of unique liquid level heights within each sample container
- **Minimize cross contamination** – Pipette with disposable tips to eliminate sample contamination
- **Reduce solvent waste** – Eliminate tip washing with disposable tips
- **Easy to use software** – JANUS WinPREP® offers pre-defined pipetting templates and flexibility for use with different containers



PerkinElmer **JANUS Oil Prep Workstation** provides a turnkey solution for anyone needing to increase their wear metals testing throughput while decreasing labor and material costs

# Why choose PerkinElmer?

The **JANUS Oil Prep Workstation** delivers significant benefits:

- **High Throughput** – Significantly **improves productivity and efficiency** versus manual or single tip systems. Diluting up to 96 samples in approximately 20 minutes, one JANUS Oil Prep Workstation can prepare more than 2000 samples in 8 hours.
- **Flexibility** – JANUS' 8-tip Varispan technology provides automatic computer-controlled variable sample probe spacing for multi-tipped **processing of original sample containers**.
- **Reduced solvent waste** – Use of disposable tips with JANUS **eliminates time consuming tipwash steps** required with fixed-tip systems, accelerating throughput and significantly reducing the volume of waste solvent.
- **Minimize cross contamination** – Use of **disposable pipette tips** also minimizes cross contamination reducing false-positive results that require significant time and expense to re-test.
- **Easy to use software** – WinPREP® software allows user **flexibility in choosing vessel types** (vials, bottles, tubes); assay set-up, and provides potential for fully automated (analytical) integrations.
- **Innovative** – Unlike alternate technologies, PerkinElmer's **patent-pending ultrasonic liquid level sensing** is not impacted by individual sample viscosities, color, or external lighting.



Move away from manual or single-tip sample preparation methods  
and step up to higher throughput today  
with the **JANUS Oil Prep Workstation!**

To find out more, please visit the web at [www.perkinelmer.com/janusoilprep](http://www.perkinelmer.com/janusoilprep)  
or contact PerkinElmer at **1-800-762-4000** or **(+1) 203-925-4602**

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