

HUMAN HEALTH

ENVIRONMENTAL HEALTH

# COMPLETE FLEXIBILITY IN OIL DILUTION

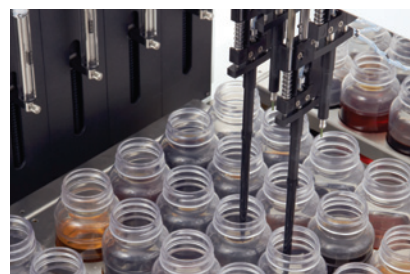


## OilPrep™ 4 Oil Diluter

Need high throughput sample preparation for wear metals analysis?

The OilPrep 4 oil diluter automatically dilutes oil samples with kerosene, in preparation for wear metals analysis by inductively coupled plasma (ICP), such as with the PerkinElmer® Optima™ ICP-OES.

- **Improved productivity and efficiency** – OilPrep 4 oil diluter is capable of diluting up to 260 samples/hour using multiple (4) disposable tips
- **Flexibility** – OilPrep 4 Varispan® arm delivers the flexibility to access original sample containers
- **Innovative** – Optional ultrasonic liquid level detection provides unattended dilution of samples of variable volume
- **Upgradability** - OilPrep 4 can be upgraded to the OilExpress™ 4 Oil Condition Monitoring System to provide FT-IR analysis and oil dilution in a single platform
- **Minimize cross contamination** – Disposable tips eliminate sample contamination
- **Reduce solvent waste** – Eliminate tip washing with disposable tips
- **Easy-to-use software** – Offers pre-defined dilution protocols and flexibility for use with different sample bottles and tubes.

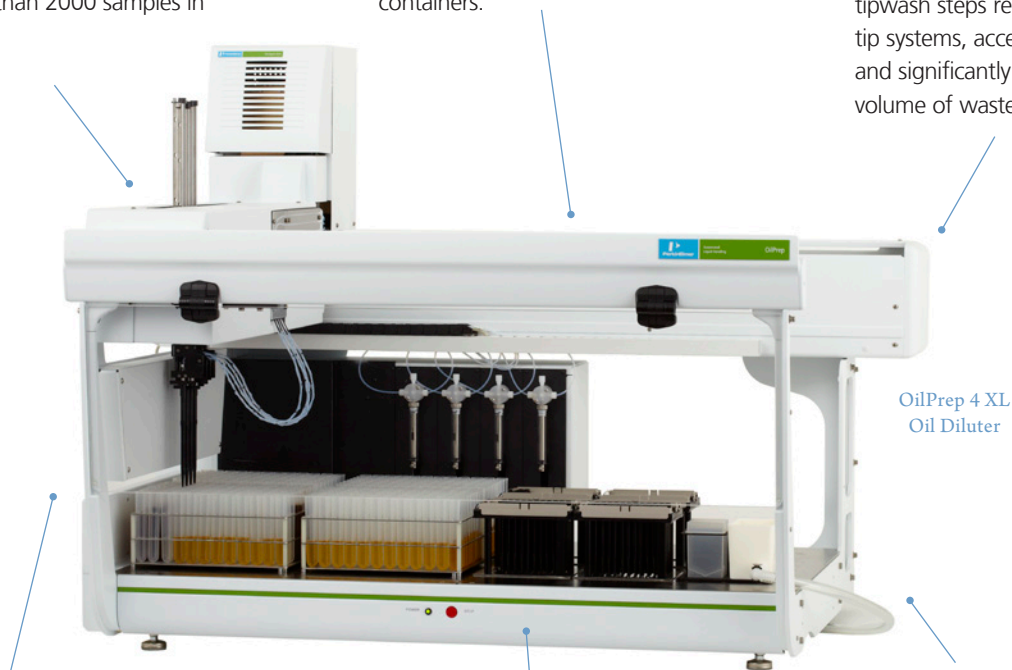


The PerkinElmer OilPrep 4 oil diluter provides a turnkey solution for improving productivity in wear metals testing labs while decreasing labor and material costs.

## Why choose PerkinElmer?

The OilPrep 4 oil diluter delivers significant benefits:

- **High throughput** – Significantly improves productivity and efficiency versus manual or single-tip systems. Diluting up to 260 samples per hour, one OilPrep 4 oil diluter can prepare more than 2000 samples in 8 hours.
- **Flexibility** – OilPrep 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 OilPrep 4 oil diluter 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 retest.
- **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.



OilPrep 4 XL  
Oil Diluter

Move away from manual or single-tip sample preparation methods and step up to complete flexibility with the OilPrep 4 oil diluter!

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

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