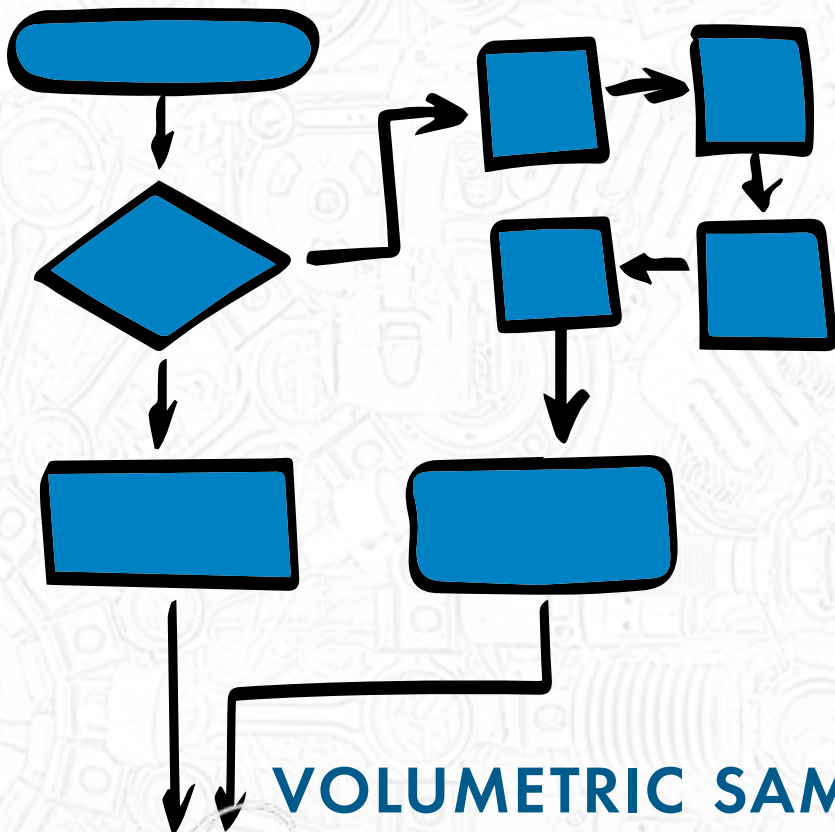


WEAR METALS IMPROVE WORKFLOW



Prep samples for
ASTM D5185
Quickly and
Accurately
on the

APS-7450V

VOLUMETRIC SAMPLE PREP STATION



- 20 seconds per sample*
- Excellent precision, accuracy and reproducibility
- Consistent performance across a wide range of viscosities
- Intuitive software
- Automated sample mixing
- Dilution range 5× to 100×
- < 1% carryover

*for a 1:10 dilution with a final volume of 5mL





Remove the bottleneck

The APS-7450V is made to keep pace with the increased speed of wear metals labs, where analysis time is often shorter than 30 seconds per sample, by simply and quickly handling the dilution step in less time.

Technical Specifications

Autodilutor dimensions

Height*	49 cm	(19.5 in)
Width	57 cm	(22.5 in)
Depth*	78 cm	(30.5 in)
Weight	33.6 kg	(74 lbs)

*allow extra space for cables/tubing

Syringe pump dimensions

Height	30.5 cm	(12 in)
Width	7.5 cm	(3 in)
Depth*	18 cm	(7 in)
Weight	3.7 kg	(8.2 lbs)

*allow extra space for cables/tubing

Capacities

Sample racks: Up to 4 racks, up to 360 samples

Collection racks: Up to 4 racks, up to 360 samples

Rack options

Tube racks: 60, 80, 90, 96, and OE4 96 position racks

Bottle racks: 45 position and OE4/OE8 32 position

Pour off cups: 90 position cup rack with overflow retention for easy pour off

Custom racks options available

Hardware interfaces

RS-232 and USB

Power requirements

100-240 VAC, 47-63 Hz, 1.9 A

2× power outlets needed

Minimum computer requirements

Microsoft Windows® 10 or later operating system

4 GB RAM

1 COM or USB port

Warranty

2 year limited

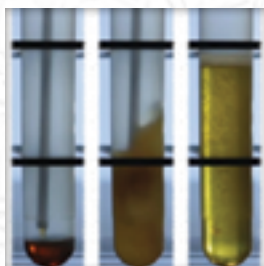
Maintain sample integrity

A drip cup travels with the probe as it moves over the sample tubes to collect any sample droplets, preventing cross contamination.



Sample homogenization

Sample mixing is achieved by close proximity, high acceleration diluent addition. This concussive mixing method works well across a wide range of sample types.



Customize sample routines

The OilEase™ software makes it easy to create custom methods and apply them to specific samples in a sequence. Daily work can be started with only three clicks.



Simplify preparations

The onboard density correction option adjusts the volume of sample diluent added to account for the density difference in standard and diluent solutions. This allows users to maintain optimal speed while improving sample accuracy.