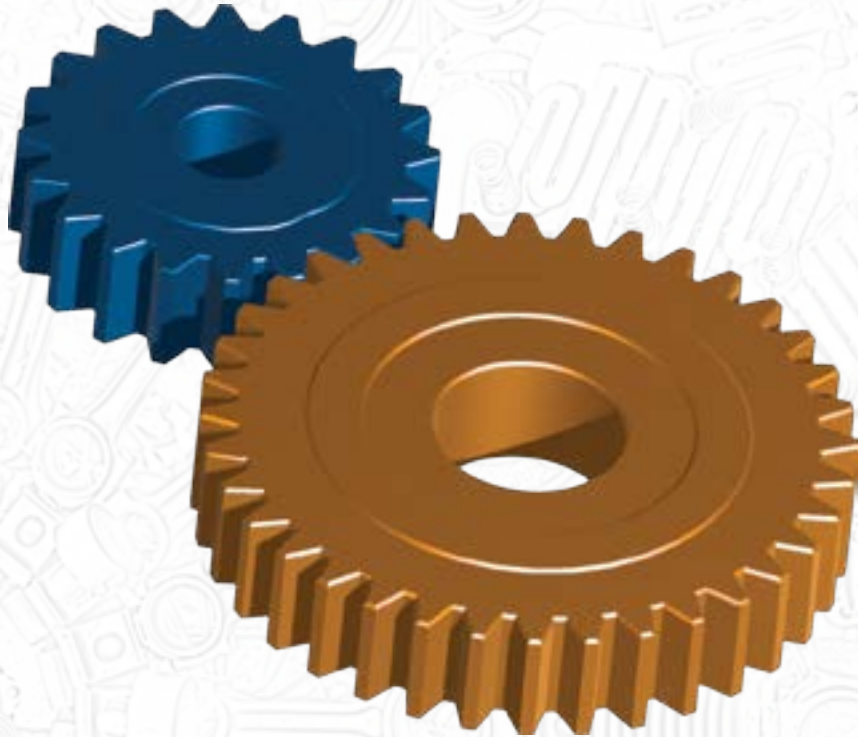


LET ROBOTS DO ROBOT WORK



Automate
ASTM D5185
and
ASTM D4951
with the

APS-7650G

GRAVIMETRIC SAMPLE PREP STATION

- Integrated pipettor for zero carryover
- Import/export sample information
- User friendly OilEase™ software
- Dilution range 10-100x
- Sample viscosities up to 1000 cSt
- Accurate to ± 0.1 mg
- Automatically dilutes samples by weight on integrated balance





Let people be people!

The best feature of the APS-7650G system is the labor it saves. With the time-consuming sample dilution process automated, your team is freed up to put their minds to other tasks in the lab.

Technical Specifications

Autodilutor dimensions

Height*	57 cm	(22.5 in)
Width	80 cm	(31.5 in)
Depth*	69 cm	(27 in)
Weight	45 kg	(99 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 3 racks, up to 180 samples

Collection racks: Up to 3 racks, up to 180 samples

Rack options

Tube racks: 60, 80, 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

Minimum computer requirements

Microsoft Windows® 10 or later operating system

4 GB RAM

1 COM or USB port

Import/export file formats

SIF, XLSX, CSV

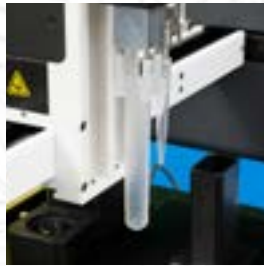
Warranty

2 year limited

Revised 2022 May 6

Simplify preparations

The fully automated system replicates manual dilution step-by-step, from the vial gripper, to the scale to the mixer. It even records sample data for direct import into the ICP software.



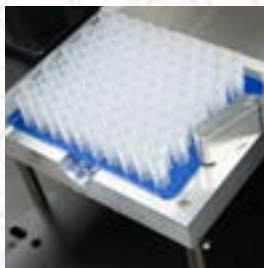
Smart sample handling

Customizable vortex mixing homogenizes samples thoroughly and quickly. Intelligent sample dispensing automatically adjusts for different viscosity samples.



Maintain sample integrity

The system uses a fresh pipette tip for every dilution, just like you do by hand. Active drip retention technology prevents cross contamination and spills.



Customize sample routines

The OilEase™ software makes it easy to create custom methods and apply them to specific samples in a sequence.

