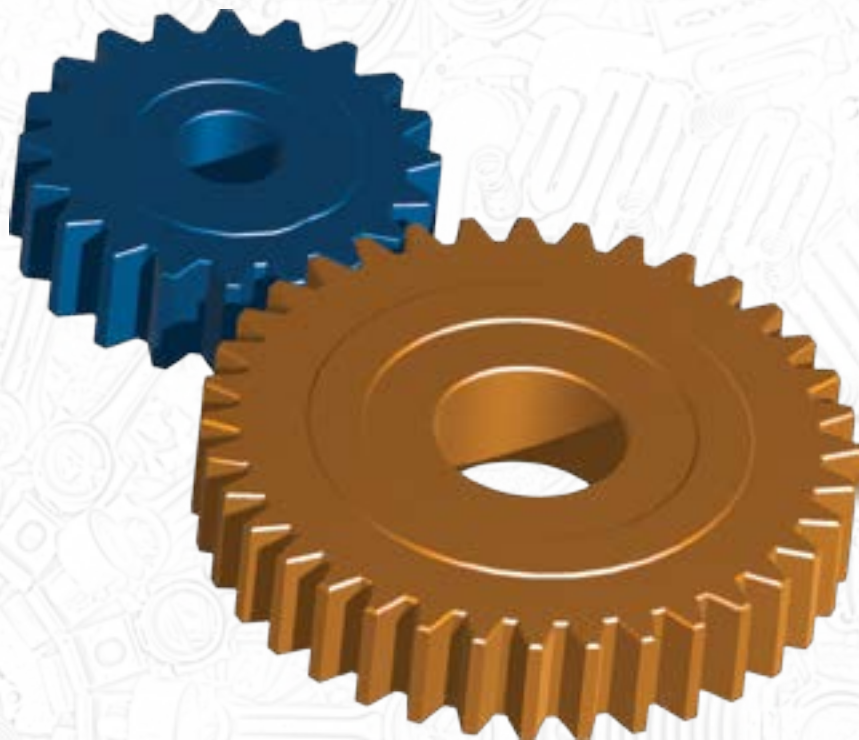


# LET ROBOTS DO ROBOT WORK



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  $\pm 0.1$  mg
- Automatically dilutes samples by weight on integrated balance



**TELEDYNE**  
**CETAC TECHNOLOGIES**  
Everywhereyoulook™





# 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

<b>Height*</b>	57 cm	(22.5 in)
<b>Width</b>	80 cm	(31.5 in)
<b>Depth*</b>	69 cm	(27 in)
<b>Weight</b>	45 kg	(99 lbs)

\*allow extra space for cables/tubing

### Syringe pump dimensions

<b>Height</b>	30.5 cm	(12 in)
<b>Width</b>	7.5 cm	(3 in)
<b>Depth*</b>	18 cm	(7 in)
<b>Weight</b>	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

### 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.



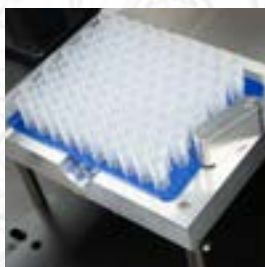
### Smart sample handling

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.



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