



MANTECH

OPTIMIZE YOUR RESULTS. PROTECT OUR ENVIRONMENT.



**AUTOMATED
BIOCHEMICAL OXYGEN DEMAND
(BOD) SOLUTIONS**

AUTOMATED BOD ANALYSIS SOLUTIONS

The MANTECH PC-BOD™ system automates the 5-day and 7-day Biological Oxygen Demand (BOD) analysis methods approved for regulatory compliance around the world.

PC-BOD™ SYSTEM FEATURES

PC-BOD™ CONFORMS TO THE FOLLOWING REGULATORY NORMS:

- ASTM Standard Methods 5210B, 22nd edition
- EPA 405.1
- ISO EN 18991
- ISO EN 18992
- ISO EN 5815-1

MANUAL BOD



- 11 place 300mL bottle capacity
- Manual operation

Pictured: Optical probe

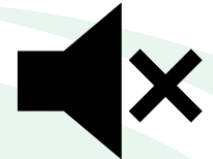
AM 400™ SERIES



- 18 - 90 place 300mL bottle capacity
- Automated dilution, seed & inhibitor
- Can be coupled with MANTECH's Automated Titration Analysis for a two-in-one system configuration (PC-BOD/Titrate Duo™)

AUTOMax 400 SERIES

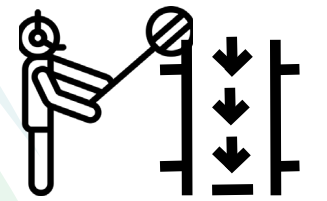
MANTECH's Next Generation Autosamplers



SOUNDS LIKE AN EV
So quiet that if you're not looking at it, you don't know it's running.

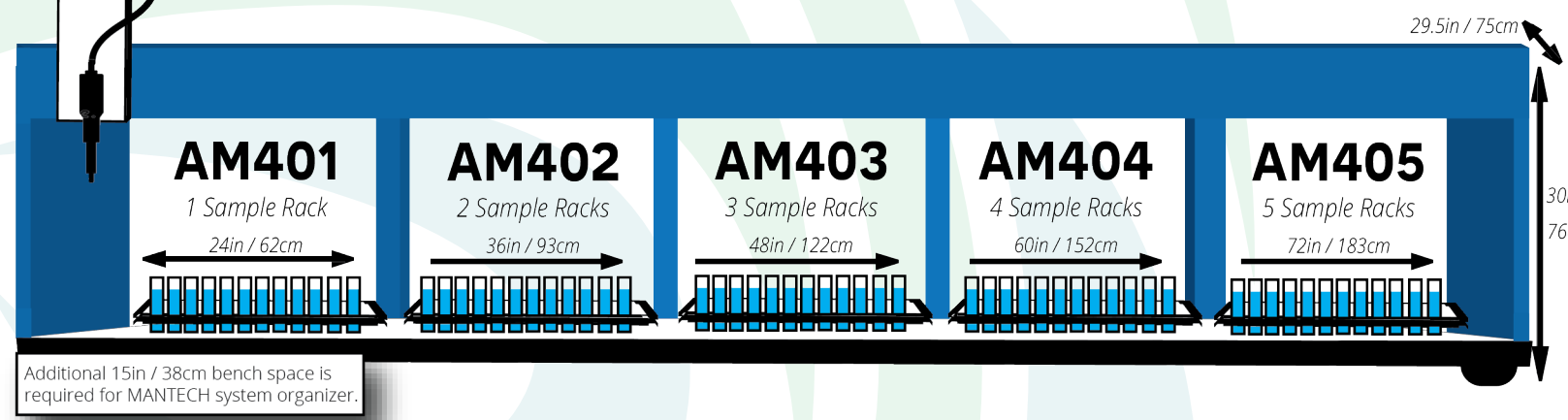


RUNS LIKE AN F1
Fast analysis time reduces run times and improves efficiency.



STOPS ON A LINE
Accuracy of probe placement by less than a millimeter.

NEW AM400 AUTOSAMPLERS DIMENSIONS



ONE SIZE DOES NOT FIT ALL!
MANTECH's new AM400 autosamplers are designed to meet your laboratory's needs with capacities ranging from 18 - 90 positions (300mL bottles).

STANDARD RACK CAPACITIES

60mL Bottles
24 positions x 60mL

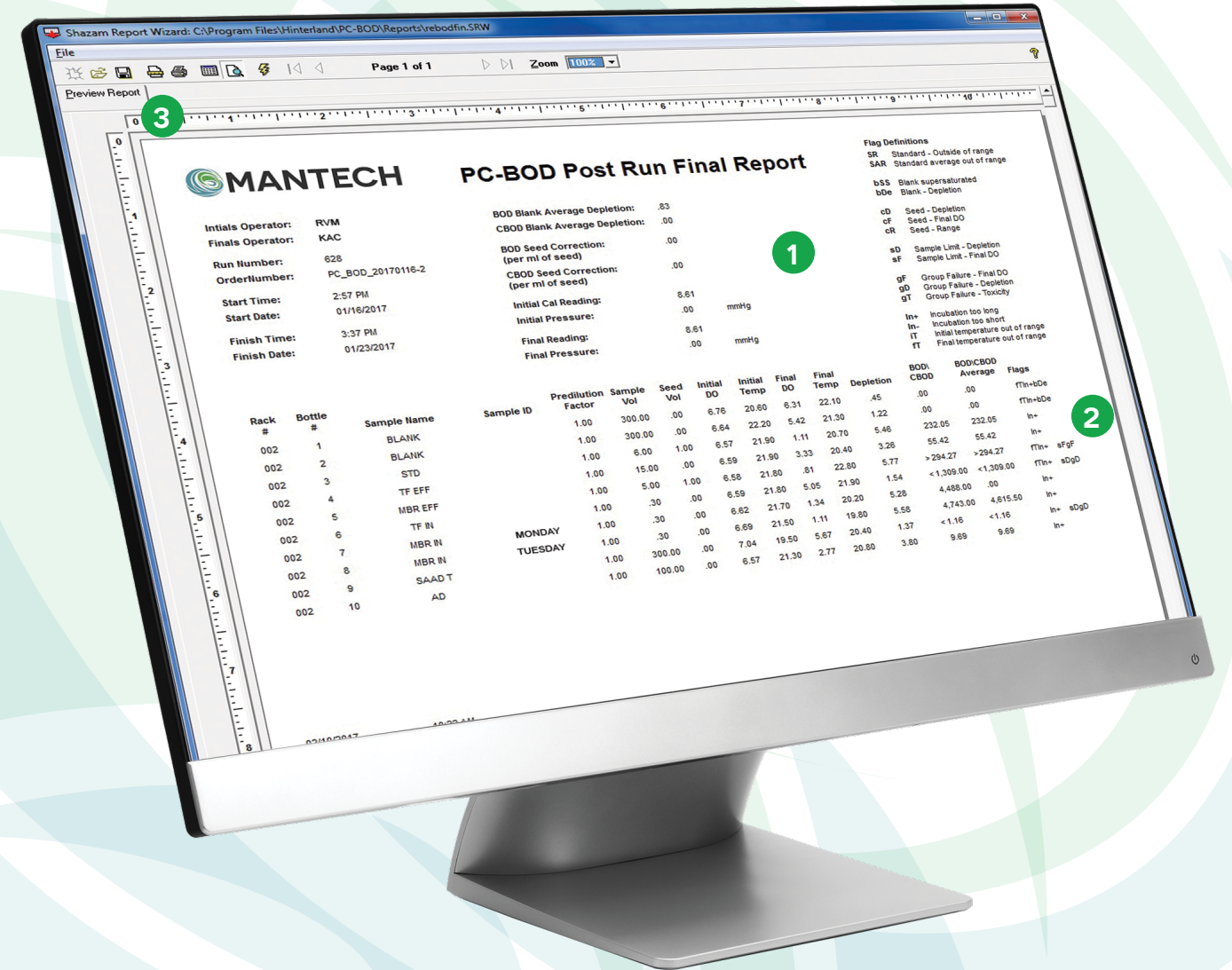
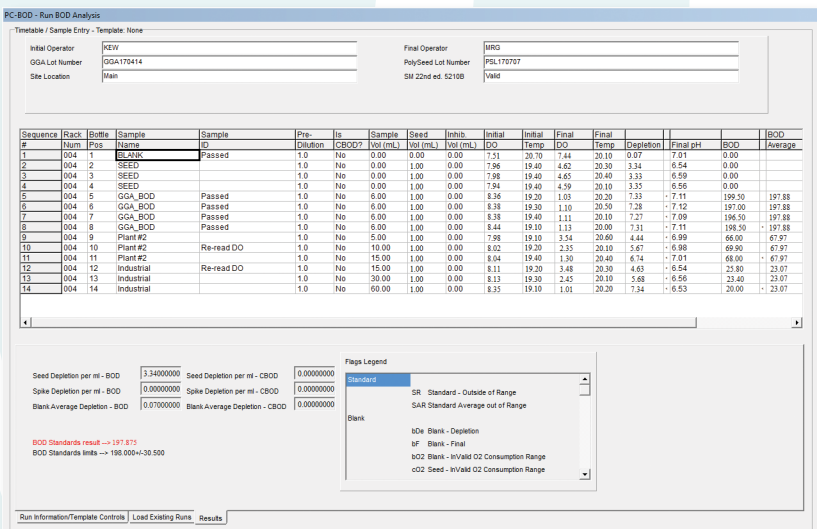
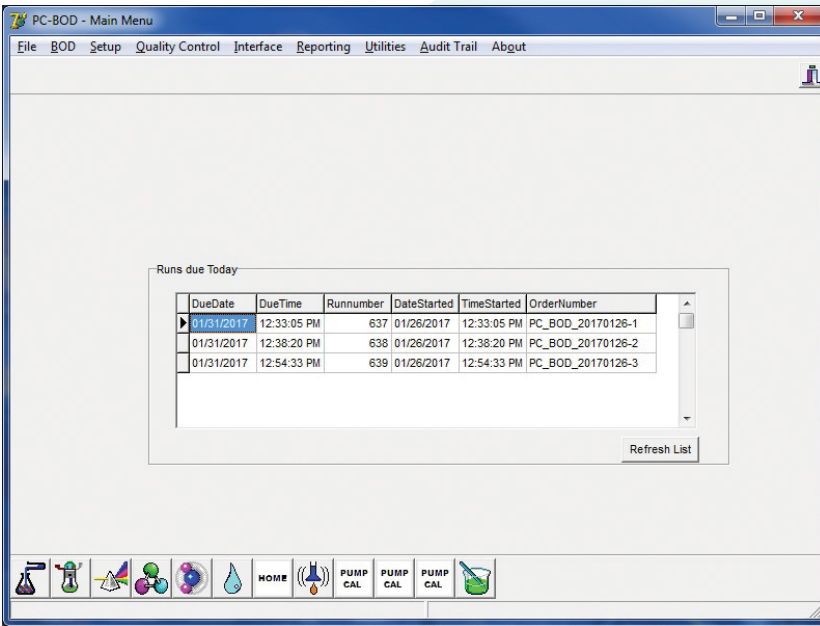
300mL Standard Bottles
18 positions x 300mL

OPTIONS	BOTTLE TYPE	PROBE	BOTTLE SIZE	PeCOD® COD ANALYZER ADD ON
	Glass or Plastic	Optical or membrane	60 mL or 300 mL	

PC-BOD™ SOFTWARE

COMPLETE REPORTING WITH AUDIT TRAIL

MANTECH's advanced PC-BOD™ software is designed to comply with user protocol requirements, and is designed to comply with user protocol requirements and is easy to use.



- 1 Software tracks 5 and 7 day incubation period with reminders of runs due each day
- 2 Customize operation with MANTECH "Autorun" buttons
- 3 Ability to modify or use existing templates for efficient analysis
- 4 Auto-calibration by air saturation or Winkler method
- 5 Real-time alerts to indicate standard method violations
- 6 Flexibility to re-analyze samples without additional Quality Check procedures
- 7 Automatic transfer of results to and from LIMS

- 1 Final BOD report with customizable headings
- 2 Flags to alert users of violations to the standard method
- 3 Auto print or export to LIMS

PC-BOD™ BENEFITS



Automates the 5-day and 7-day BOD and CBOD standard analysis methods

Eliminates potential



for human error by automating up to five pumps for reagent addition
 Customizable user interface



to simplify operation

Easily manage and prioritize samples during



analysis

Quickly identify results with barcoded labels



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