



# 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™ CONFORMS TO THE FOLLOWING REGULATORY NORMS:**

- ASTM Standard Methods 5210B, 22<sup>nd</sup> & 23<sup>rd</sup> edition
- ISO EN 18991
- ISO EN 18992

## PC-BOD™ SYSTEM FEATURES



MANUAL BOD

- 11 place bottle capacity
- Manual operation

*Pictured: Optical probe*



BOD MINI

- 11 place 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™)

*Pictured: Optical probe*



AM 300™ SERIES

- 23-90 place 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™)

### OPTIONS

**BOTTLE TYPE**  
Glass or Plastic

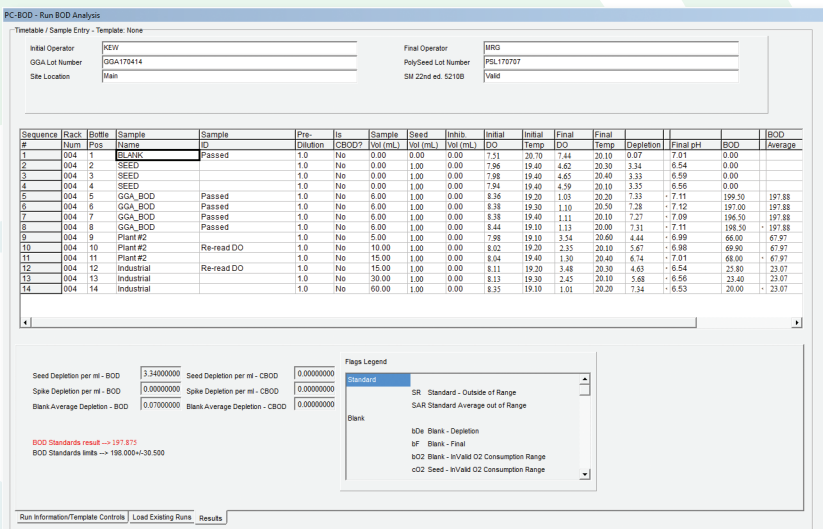
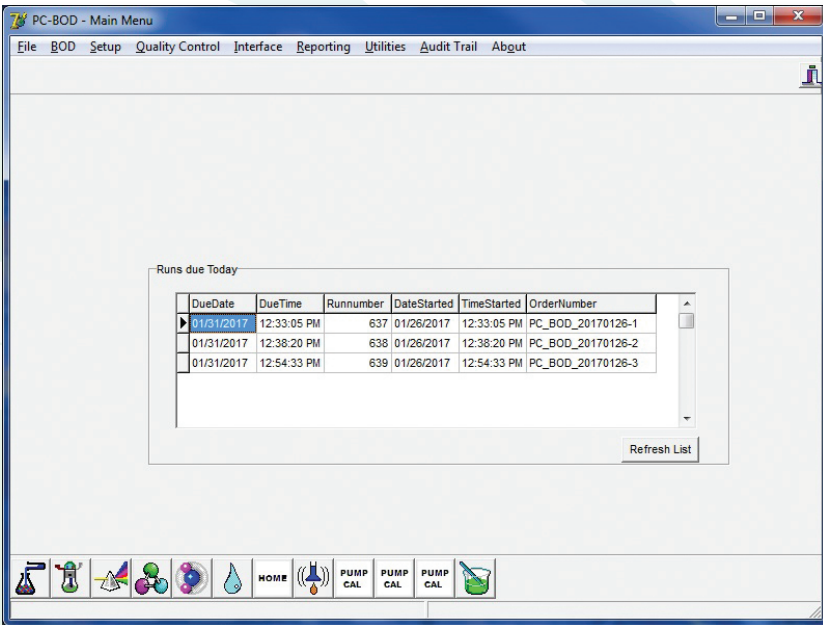
**PROBE**  
Optical or membrane

**BOTTLE SIZE**  
60 mL or 300 mL

**PeCOD® COD ANALYZER ADD ON**

# PC-BOD™ SOFTWARE

MANTECH's advanced PC-BOD™ software 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

## 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

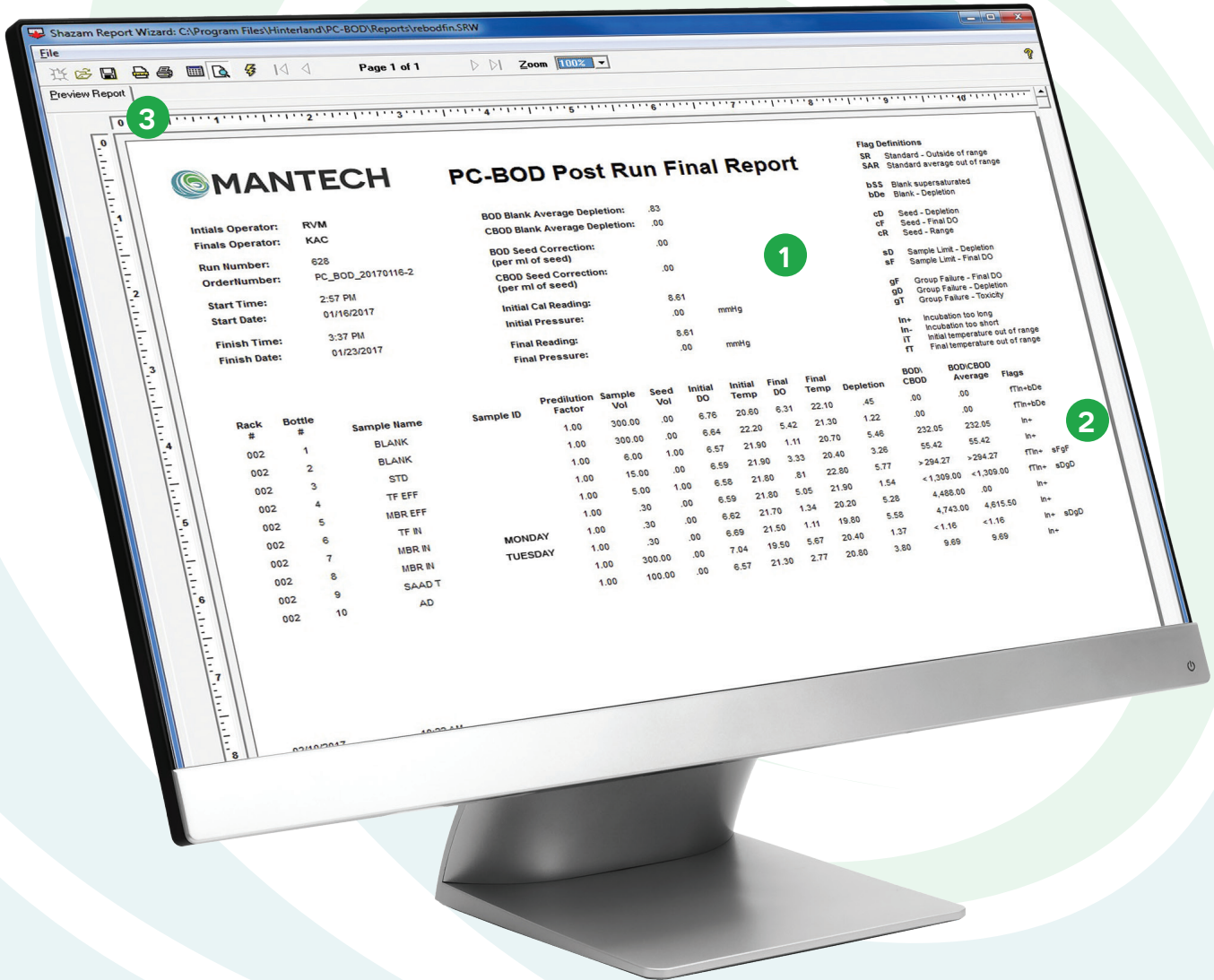


Easily manage and prioritize samples during analysis



Quickly identify results with barcoded labels

# COMPLETE REPORTING WITH AUDIT TRAIL



**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



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