



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, 22nd 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

- 23-108 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

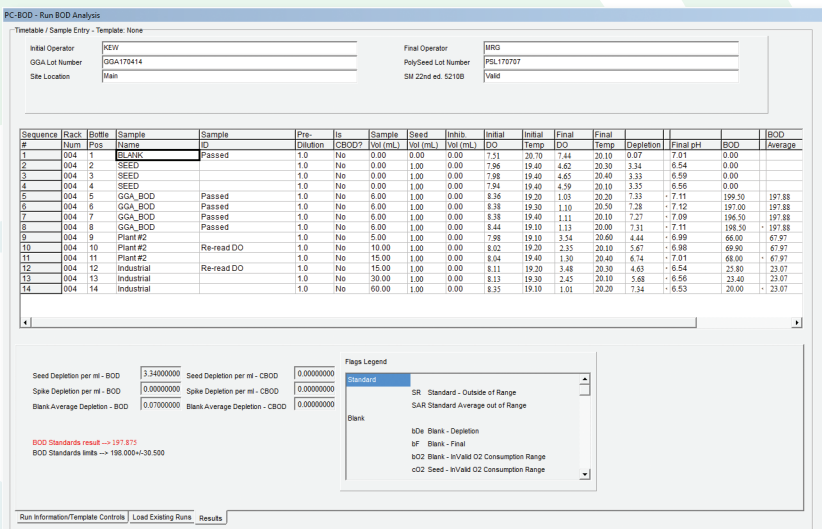
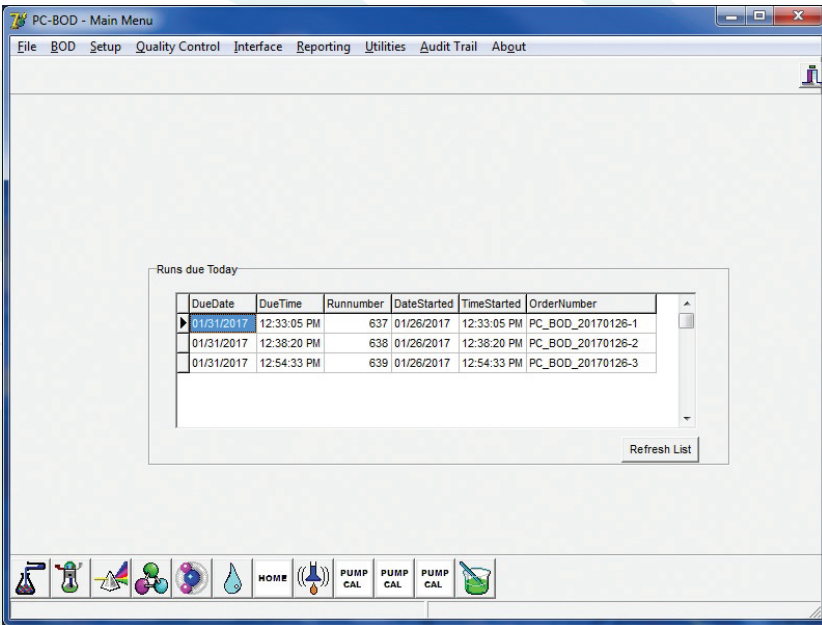
PROBE
Optical or membrane

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 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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