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# QC Bacteria Growth Analysis System

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## FEATURES

- Capability to process batches of up to 50 tests simultaneously
- Eliminates traditional times for test incubation
- Dual channel digital outputs for each test reading (microbial respiration and cell mass) which eliminate chemical false positives
- Increase the type of microbial tests reader capable, Total microbe, Coliform, E. coli, IRB and SRB
- Simple reader standardization/calibration

## COMING SOON

- Automatic link to PC software
- PC user software capabilities to export, store, search, sort, and map data

## GENERAL DESCRIPTION

The reader/analyzer is an adaptation of the Microbionetics CultureStat system which is currently being sold to medical laboratories for the rapid detection of bacterial isolates in medical laboratories. The CultureStat™ system has been proven to detect bacterial isolates in 1-2 hours at an accuracy equal to or better than current practice conventional microbiology method (plate).

The QC Reader 2033 is a spectrophotometer that measures 2 wavelengths: UV (cell respiration) and IR (cell mass). The unit takes a first read (start benchmark) and the ampoule is then incubated. Subsequent reads will show microbial growth (or lack of) from the first read over time. The test indicates log-phase growth (active bacteria) only, unlike other cultures that can indicate lag-phase bacteria which often provides false positives.

PRODUCT CODE #: IM21007



US Patent #s: 5550032, 5935799, 6768549

## SPECIFICATIONS

Number of Cells	1
LCD	2 x 16
Dimensions (LxWxH)	4.1" x 5.1" x 6.5"
Weight	16 oz.
Operating Conditions Temperature:	68° F- 75°F
Voltage	12 +/- 3 VDC
Power	750 mW (max.)
Data Retention	Yes
Self Test	Yes

Rev: 07/20/10

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