

QC Bacteria Growth Analysis System

FEATURES

- Eliminates traditional times for test incubation
- While generally operated in a laboratory environment the unit can be operated in the field with an optional battery pack
- 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 and E-coli.
- Simple Reader standardization/calibration

OVERVIEW

The QC 2033/2035 Autoanalyzer is capable of testing water samples for active bacteria without the need for an operator to record periodic test readings or interpolate the results from a chart. The unit will continuously test an ampoule and display the microbial concentration when there has been sufficient growth for determination.

GENERAL DESCRIPTION

The QC 2033/2035 Autoanalyzer is a spectrophotometer that measures two wavelengths: UV to identify cell respiration and IR to measure cell mass. When active bacteria are present these two criteria will increase over time. The unit takes a "first read" as a benchmark and subsequent reads will show microbial growth (or lack of) from the first read over time. When the test is finished the display will show the test time and CFU count. Tests will end after a 9 hour period.

The test indicates log-phase growth (active bacteria) only, unlike other cultures that can indicate lag-phase (dormant) bacteria which often provides false positives.



[QC 2033/2035 Autoanalyzer - Product Instruction](#)

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.)
Optional Battery Pack	Yes
Self Test	Yes