

VICAM Series-4 Fluorometer Model VICAM V1.0



The VICAM Series-4 Fluorometer is an integral part of VICAM's Mycotoxin testing system, specially designed for use with VICAM's Mycotoxin immunoaffinity columns.

Simplicity

The VICAM Series-4 Fluorometer is simple to operate. At the touch of a button, you identify the mycotoxin to be measured. After isolating the mycotoxin using VICAM's immunoaffinity column, insert the sample into the fluorometer. The fluorometer reads the fluorescence and displays a reading in PPB or PPM. The result is then printed on a built-in printer. Simply and efficiently, the Series-4 is able to measure total mycotoxin levels in samples prepared using VICAM's Mycotoxin columns.

Additional features of the Series-4 also add to the simplicity of its operation. Containing an internal clock, the Series-4 monitors the time of its last calibration and alerts you when a new calibration is needed. The Series-4 also uses a highly visible electro-luminescent display to prompt you through the necessary measurement steps.

Storage Capacity

The VICAM Series-4 Fluorometer possesses expanded data storage capacity allowing for the storage of all of the VICAM Mycotoxin test protocols and calibration numbers in non-volatile memory. The system can store up to 20 different protocols, and up to 200 test results which can be printed on the integral printer or downloaded to a central computer.

Sensitivity

The VICAM Series-4 Fluorometer accurately measures down to extremely low PPB concentrations of mycotoxins in samples prepared using VICAM's columns. The storage of calibration parameters for each testing protocol provides for a digital readout in PPB or PPM units without requiring any conversion.

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Features

Expanded non-volatile memory

Integral printer

Temperature and voltage compensated electronics

Long term stability

Long-life xenon lamp

Edit test and Create test capability

ROM card programmable

Enclosed cabinet

Advanced CPU

Easily serviceable

Multiple operating voltage capabilities

Benefits

Stores up to 20 test protocols
Stores up to 200 test results

Detailed copies of test results
Printout of cumulative test data
Record of system and protocol status

Measurement accuracy over a wide range of ambient conditions

Extended period between calibrations

Over 200,000 tests without lamp changes

Custom additions and changes to test protocols by keypad entry

Test and system software upgradable by replacing ROM card – obsolescence is eliminated

Dust contamination minimized

Allows for self-diagnostic checks to verify system functioning within required parameters

Modular in design, any major component can be replaced easily

Can be used at any domestic or international location



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