



Precise Numerical Results

 **SERIES-4EX** FLUOROMETER™

The VICAM *Series-4EX 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. It then reads the fluorescence and displays results. Simply and efficiently, the *Series-4EX* is able to measure total mycotoxin levels in samples prepared using VICAM's mycotoxin columns.

Additional features of the *Series-4EX* also add to the simplicity of operation. An internal clock monitors the time of its last calibration, alerting you when a new calibration is needed. The *Series-4EX* also uses an illuminated 2-line display to prompt you through testing steps.

The VICAM *Series-4EX Fluorometer* accurately measures down to extremely low PPT concentrations of mycotoxins in samples prepared using VICAM's columns. Expanded data storage capacity allows for storage of all the VICAM mycotoxin test protocols and calibration levels, as well as up to 200 test results. Stored testing protocols provide for a digital readout in PPM, PPB, PPT, mg/kg, µg/kg, or ng/kg concentration units without requiring any conversion.

Benefits:

- Simple** – Choose test, insert sample, read results
- Comprehensive** – Stores up to 20 test protocols, 375 test results, and calibration parameters for each test protocol
- Accurate** – Digital readout in PPM, PPB, PPT, mg/kg, µg/kg or ng/kg
- Durable** – Over 200,000 tests without a lamp change
- Stability** – Extended period without a lamp change
- Versatile** – Can be used over a wide range of ambient conditions

Here's How Simple the Series-4EX Fluorometer is to Use:

Prepare Sample

- Isolate mycotoxin using a VICAM immunoaffinity column

Run Test

- Select test protocol
- Calibrate fluorometer
- Insert sample to be measured
- Run test

Read Results

- Test results can be displayed electronically, printed, or downloaded to a computer

Ordering Information

Cat. No. Description

G8000 VICAM Series-4EX Fluorometer™

Features of the VICAM Series-4EX Fluorometer include:

Expanded Internal Memory

- Stores up to 20 test protocols
- Stores up to 375 test results

Integral Printer

- Detailed copies of test results
- Printout of cumulative test data
- Record of system and protocol status
- Allows for Chinese characters and graphics

Temperature and Voltage Compensated Electronics

- Measurement accuracy over a wide range of ambient conditions

Long Term Stability

- Extended period between calibrations

Long-life Xenon Lamp

- Over 200,000 tests without lamp changes

Edit Test and Create Test Capability

- Custom additions and changes to test protocols by keypad entry

USB Port Interface

- Easy update of system software, no more ROM card to replace – obsolescence is eliminated

Enclosed Cabinet

- Dust contamination minimized

Advanced CPU

- Faster microprocessor controller chip allows for self-diagnosis checks to verify system functioning within required parameters

External Power Supply

- Guarantees UL and international voltage compatibility;
 - Can be used in any domestic or International location
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Subject to change without notice.

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The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with *Series-4EX Fluorometer*.™ These analytical methods have been validated in the VICAM laboratories to perform to the specifications indicated in the *Series-4EX* procedures.

The user assumes all risk in using *Series-4EX* analytical procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that the *Series-4EX Fluorometer* conforms to VICAM's printed specification and quality control standards. VICAM will at its option repair or replace any product or part thereof which proves to be defective in workmanship or material. VICAM's undertaking to repair or service such products is exclusive and is in lieu of all other warranties whether written, oral, expressed, or implied, including any implied warranty of merchantability or fitness for a particular purpose. VICAM shall have no liability for anticipated or lost profits or any loss, inconvenience or damage whether direct, indirect, incidental, consequential or otherwise, to person or property, or for strict liability or negligence arising from or in connection with the use of these assay procedures or the *Series-4EX Fluorometer*.



» Cultivating Success through Science®

313 Pleasant Street
Watertown, MA 02472 USA

Tel: 800.338.4381
+1.617.926.7045

Fax: +1.617.923.8055

vicam@vicam.com