



## Precise Numerical Results

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.

Expanded features support a simple, versatile interface for Series-4EX users. Calibrate with reusable, environmentally-friendly standards while eliminating the use and storage of toxins on-site. An integrated timer prompts recalibration at user-specified intervals, while the illuminated display leads users step-by-step through calibration and testing procedures.

The VICAM Series-4EX Fluorometer accurately measures 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. Results are displayed in ppm, ppb, ppt, mg/kg, µg/kg, or ng/kg concentration units.

### BENEFITS

**Simple** – Choose test, insert sample, read results

**Comprehensive** – Stores up to 20 test protocols, 200 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

**Stable** – Extended period without a lamp change

**Versatile** – Can be used over a wide range of ambient conditions

### HERE'S HOW SIMPLE VICAM TESTS ARE TO USE:

#### PREPARE SAMPLE

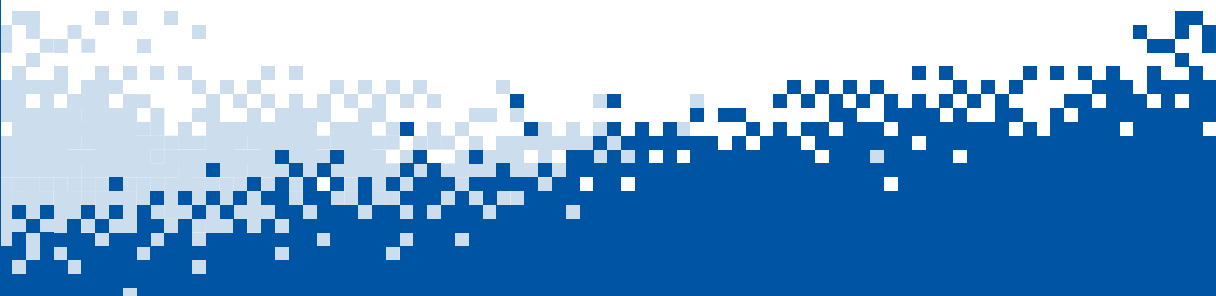
- Isolate mycotoxin using a VICAM immunoaffinity column

#### 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
FLSEREX	Series-4EX Fluorometer

### Features of the VICAM Series-4EX Fluorometer include:

#### Expanded Internal Memory

- Stores up to 20 test protocols
- Stores up to 200 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

#### 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

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 products. These methods have been validated in the VICAM laboratories to perform to the specifications indicated in the Series-4EX Fluorometer procedures. The user assumes all risk in using Series-4EX Fluorometer procedures and products. VICAM makes no warranty of any kind, expressed or implied, other than that Series-4EX Fluorometer products conform 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 Series-4EX Fluorometer products.

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