



ASSOCIATES OF  
**CAPE COD**  
INCORPORATED

*Specialists in Endotoxin and Glucan Detection*

**PyrosKinetix®**  
**FLEX**

## Sensitivity, Flexibility and Compliance in One Kinetic Tube Reader

Available with 32, 64 and 96 wells.

### Incubating Kinetic Tube Reader

The **Pyros Kinetix® Flex** is an optical tube reader that runs both chromogenic and turbidimetric assays in compliance with the USP, EP, and JP bacterial endotoxin test chapters. Designed with flexibility and efficiency in mind, the PK Flex is available in three configurations: 32, 64 and 96 wells. The test capacity of a 32 well system can be doubled by connecting another unit. Data acquisition, analysis and reporting is performed by our 21 CFR Part 11 compliant **Pyros® EQS Software**.



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*Available in Canada from...*

MJS  
**BioLynx**  
INC.

## Instrumentation

The Pyros Kinetix® Flex and Pyros® EQS 21 CFR Part 11 compliant Software combine to provide a complete system for efficient, accurate endotoxin testing.

The Pyros Kinetix Flex tube reader is available in three configurations: 32, 64 or 96 eight mm wells. Two 32 well units may be connected to double testing capacity. Each well has a detector that identifies changes in the optical density of a sample. In addition, each well is independently timed, allowing the operator to add more samples while a run is in progress.

## Pyros Kinetix® Flex Features

- Precise Temperature Control—incubator temperature is held to 37°C ± 0.5°C
- Solid State Design—low maintenance
- Dual wave lengths - 405 nm and 660 nm
- Low Cost Depyrogenated Disposables

## Advantages

- **Broad Sensitivity Range:** No other system is more sensitive; As high as 0.001 EU/mL with Pyrotell®-T or Pyrochrome® lysate
- **Increased Efficiency:** The ability for end-users to add samples to an existing run in order to efficiently utilize all wells. Software provides quantitative sample results while assay continues to run
- **Flexible Testing:** Variable volumes and ratios can be utilized, ability to increase product MVD (Maximum Valid Dilution)
- **Reduced Lysate Usage:** As little as 50 µL per test
- **Independently timed push & pull wells:** Allows for more samples to be added to a continuous run

## Software

Pyros® EQS is intuitive, easy-to-use software that is designed specifically for endotoxin testing with the Pyros Kinetix® Flex tube reader.

Pyros® EQS is a sophisticated 21 CFR Part 11 Compliant, software solution that provides efficient, accurate analysis and reporting. The software writes to an Oracle® database, the industry standard in data security. It has multiple access levels for improved security, detailed audit trails, and built-in trending by date range, technician, sample type and LAL lot. The software provides enhanced reporting options, flexible operation modes

and incorporates electronic signatures, as well as a supervisor sign-off on completed tests. The application also offers two choices for calculating Coefficient of Variations (CVs), and a new summarized Pass/Fail Report.

## System Specifications

**Computer Required:** Intel® Pentium® 4 PC; 2.4 GHz Windows® XP SP2 OS; 1 GB RAM, Microsoft®.NET Framework v1.1 with Service Pack 1 (if stand-alone); 40 GB HD, 800 x 600, 256 Color Monitor; serial or USB porting required (for reader communication)

**Capacity:** 32, 64 or 96 reaction test tubes

**Power Requirement:** 100–240 V, 50/60 Hz

**Light Source:** 405 nm and 660 nm LEDs

**Dimensions:** PKF32 - 9.25" x 10" x 3.125";

PKF64 - 9.25" x 14" x 3.125"; PKF96 - 9.25" x 18" x 3.125"

**Temperature Range:** 37°C ± 0.5°C

**Data Interface:** RS-232C or USB

**Data Transmission Format:** ASCII character strings, 9600 baud

## Order Information

### Instrumentation

PKF32 32 well Pyros Kinetix® Flex Incubating Kinetic Tube Reader

PKF64 64 well Pyros Kinetix® Flex Incubating Kinetic Tube Reader

PKF96 96 well Pyros Kinetix® Flex Incubating Kinetic Tube Reader

**Each PK Flex system come with Associates of Cape Cod's Pyros® EQS 21 CFR Part 11 Compliant Software (PEQS11) and Pyros® EQS Validation Protocol Pkg (PEQS11-VAL-PKF)**

### Reagent (sold separately)

T0051 Pyrotell®-T Turbidimetric LAL Reagent, 5mL

C1500 Pyrochrome® Chromogenic LAL Reagent

### Accessories

TTR32 1 test tube rack (numbered 1-32)

TTR64 1 test tube rack (numbered 33-64)

TTR96 1 test tube rack (numbered 65-96)

TK100 8x75 mm depyrogenated borosilicate tubes, 100/pk



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Order in Canada from...

MJS  
**BioLynx**  
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