



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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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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