MINIFLASH FPA VISION

A 12-position autosampler
for use with Vision-series flashpoint analyzers

The MINIFLASH FPA Vision autosampler is the latest addition to the Grabner Instruments Vision-series product line, an automated accessory specifically developed for use with any MINIFLASH FP(H) Vision analyzer. Its modular design creates scalability, giving the option to expand with an autosampler at any time. Full-compatibility with Grabner's Vision-series of flashpoint analyzers allows a single autosampler to handle flashpoint measurements between -13 and 752°F (-25 and 400°C) and exchanging analyzers can be performed within seconds.

KEY FEATURES

Increased Sample Throughput

A sample position increase of 50% results in less-frequent carousel changes and longer, uninterrupted runtimes. This resource efficiency translates into increased profitability from FP-Vision analyzers as daily sample-throughput can be significantly increased while reducing cost of operation.

Cockpit PC Software™

When combined with the Industry 4.0-ready FP Vision analyzer, the FPA autosampler joins the Vision platform and integrates with enterprise level networks via Cockpit PC Software. This allows autosampler measurement play lists and results to be transferred instantly between locations. The Cockpit PC Software can organize the data from a global network of Vision-series analyzers on any enterprise server, allowing access anytime from anywhere.

Flexibility and Reliability

When connecting either FP Vision or FPH Vision, a single autosampler is transformed into a high or low temperature flashpoint laboratory. FPA's modular design practically eliminates downtime during scheduled maintenance or service by attaching a spare or rental FP(H)Vision. By separating the analyzer and autosampler, each component may be moved or shipped with ease.

FLASHPOINT

KEY FEATURES

12-position Sample Carousel

- FPA Vision delivers a 50% increase in sample position over the previous FLA model, making it the highest sample throughput flashpoint autosampler available.

Small Footprint

- With a benchtop footprint of only ~2 ft² (0.18 m²), the FPA consumes minimal bench space and maintains Grabner's focus on the "mini methods".

Modular Design

- The standalone flashpoint autosampler can be combined with any Grabner Instruments Vision-series flashpoint analyzer.

Robustness

- Industrial-grade coatings, electronics, motors and hardware.
- Engineered and built for severe duty in the busiest of laboratories.
- External switch-mode power supply for lightweight, clean power.

Cabinet Cooling

- When external liquid cooling is connected, the sample cabinet temperature can be controlled.
- During continuous operation in harsh environments, maintaining a controlled internal environment ensures that samples will not be exposed to elevated temperatures.

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KEY SPECIFICATIONS

- 100-264 VAC, 45 - 63 Hz, max. 50W (Switching Power Supply, external)

- Physical Dimensions: WxDxH: 435 x 425 x 415 mm (17 x 17 x 16")

- Total Height with Instrument (FPV, FPHV): 530 mm (21")

- Weight: 15.9 kg; (35 lbs) sample carousel; 2.2 kg (5 lbs); carousel with sample cups and lids: 4.2 kg (9 lbs)

- Hardware: Interface for connection to FP Vision

- Software: Integrated into Vision platform, the autosampler performs measurements according to play lists created with Cockpit PC Software.

- CE Class: Laboratory instruments according to EN

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35 YEARS OF ANALYTICAL EXCELLENCE