Herzog OptiFlash®
Pensky Martens
Easy, Safe and Accurate Flash Point Determination

- Innovative instrument design for improved ease of use and easy cleaning
- Excellent analysis performance and robustness
- High safety standards with preventive fire detection & safety monitoring system
- Complies with ASTM D93, EN ISO 2719, IP34, JIS K2265 and GB/T261 methods

WWW.PACLP.COM
PAC’s Herzog OptiFlash is the new benchmark in flash point analysis, fully designed to meet today’s expectations on user convenience, quality and safety compliance. The Optiflash accurately detects flashpoint up to 400°C for petroleum products, biodiesels, solvents, chemicals, fluxed bitumen and food and beverages. The OptiFlash is fully compliant with leading global standards.

**SIGNIFICANTLY IMPROVED EASE OF OPERATION**

- BUILT-IN FIRE DETECTION/ EXTINGUISHER
- EASY TO CLEAN

**EASY 3-STEP OPERATION**

1. Place the cup
2. Enter Sample ID. Select product and expected flash point
3. Press start

The cup cover automatically installs and the flashpoint analysis starts.
KEY ADVANTAGES

HIGH SAFETY STANDARDS
- Built-in fire extinguisher:
  - Ultra fast optical fire detector
  - Fire detection in extended range around test cup
  - External inert gas (CO2, N2...) connection
- Detect “Flash” outside the cup
  - Test aborted with warning message
  - Closing the shutter stops the flame
  - No need to activate fire extinguisher
- Safety monitoring system:
  - Safety pre test interval to avoid fire
  - Over heating protection
  - No sample drops from stirrer going into heater block

Optical fire detecting system covers entire hot area

PROVEN PERFORMANCE
- Robust hardware design for improved parts lifetime and low maintenance:
  - Hands-free operation minimizes risk to damage the igniter
  - Continuous monitoring the ignitor allows preventive actions to avoid down-time
  - More rugged metal sample thermometer
- Built-in quality control (QC) functions:
  - Automatic QC procedure with QC chart on the instrument screen for trend monitoring
  - Calibration monitoring of the Pt100 and pressure sensor remind user if recalibration is necessary
  - Automatic diagnostic help maintenance team in case of instrument failure

Quality control charts allow monitoring the instrument performance

IMPROVED EASE OF OPERATION
- Automatic lift-arm for hands-free cup cover installation
- No need for the user to handle Pt100, Flash Point Sensor, Ignitor and Shutter Drive
- Straightforward user interface:
  - Easy sample ID input with alpha numeric keypad
  - Option to enter user name, sample description or a note
  - Get Pass/Fail display by defining Min and Max values for the flash point result for the different products
  - Supports multiple languages

Lift-arm and touch-screen make it easy to operate

EASY CLEANING
- Simple push button to disconnect cup cover from lift arm
- Allows external cleaning for the cup cover
- Remove the shutter without any tools
- Large tilt angle of the cup cover allows easy cleaning for Pt100 and stirrer
- Easy cleaning for high viscous samples with stand-by temperature to keep the sample hot and liquid at test end

Easy disconnection, for easy and external cleaning of the cup-cover

www.paclp.com
SPECIFICATIONS

About PAC

PAC develops advanced instrumentation for lab and process applications based on strong Analytical Expertise that ensures Optimal Performance for our clients. Our analyzers help our clients meet complex industry challenges by providing a low cost of ownership, safe operation, high performance with fast, accurate, and actionable results, high uptime through reliable instrumentation, and compliance with standard methods.

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About PAC

Our solutions are from industry-leading brands: AC Analytical Controls, Advanced Sensors, Alcor, Antek, Herzog, ISL, Cambridge Viscosity, PSPI, and PetroSpec. We are committed to delivering superior and local customer service worldwide with 16 office locations and a network of over 50 distributors. PAC operates as a unit of Roper Technologies, Inc., a diversified technology company and a constituent of S&P 500, Fortune 1000, and Russell 1000 indices.

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