

HFP 38X SERIES

HERZOG
by **PAC**



HFP 380
Pensky Martens



HFP 382 TAG



HFP 384 Abel



HFP 386
Cleveland Open Cup

Designed to provide years of accurate and reliable flash point results, Herzog's top quality HFP 38x Series Closed and Open Cup Flash Point Testers offer different factory configurations. This versatility helps you find the unit that's exactly right for your budget and testing needs. All units include a rugged electric

heater with ultra-precise manual control, liquid in glass, and visual flash point detection. In addition, units are available with a cooling fan (Pensky Martens) or cooling coil (TAG and Abel). Features include an electric stirrer that automatically stops during test flame application.

ADVANTAGES

- Top-quality laboratory analyzers for closed and open cup flash point determinations
- Electric Stirrer
- Automatic Application of Test Flame
- Optional Cooling Device

APPLICATION RANGE

- Volatility
- Petroleum Products
 - Biodiesel
 - Solvents
 - Chemicals
 - Fluxed Bitumen
 - Food & Beverage

STANDARD METHODS

In accordance with:

- ASTM D56
- ASTM D92
- ASTM D93 A, B, C
- IP 34 A, B, C
- IP 36
- IP 170
- EN 22719 A, B, C
- ISO 2719 A, B, C
- ISO 2592
- ISO 13736
- DIN 51758
- DIN EN 1523
- DIN EN 22592



solidpartners provensolutions

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PAC Authorized Representatives are also located in most countries worldwide. For more information visit www.pacpl.com

SPECIFICATIONS

Flash Point Models	HFP 380 Pensky Martens		HFP 382 Tag	
Methods	<ul style="list-style-type: none"> ASTM D93 A, B, C ISO 2719 A, B, C EN 22719 A, B, C IP 34 A, B, C DIN 51758 		<ul style="list-style-type: none"> ASTM D56 	
Heater	Electric with manual control		Electric with manual control	
Cooling	Cooling Fan		Cooling Coil for external Cooler	
Temperature Measurement	Liquid in Glass Thermometer		Liquid in Glass Thermometer	
Stirrer	Electric 105 / 250 rpm		-	
Ignition Type	Gas with automatic dip in		Gas with automatic dip in	
Dimensions [cm]	25 W * 38 D * 45 H		25 W * 38 D * 45 H	
Weight	9.9 kg		8.5 kg	
Power	1000W		500W	
Frequency	50/60 Hz		50/60 Hz	
Main Voltage	230V	115V	230V	115V
Part Numbers				
HFP 380 without Cooling Van	03801-000-09	03801-000-13		
HFP 380 with Cooling Van	03801-000-10	03801-000-14		
HFP 382			03821-000-10	03821-000-14
Flash Point Models	HFP 384 Abel		HFP 386 Cleveland Open Cup	
Methods	<ul style="list-style-type: none"> ISO 13736 IP 170 		<ul style="list-style-type: none"> ASTM D92 ISO 2592 IP 36 DIN EN 22592 	
Heater	Electric with manual control		Electric with manual control	
Cooling	Cooling Coil for external Cooler		-	
Temperature Measurement	Liquid in Glass Thermometer		Liquid in Glass Thermometer	
Stirrer	Electric 30 rpm		-	
Ignition Type	Gas with automatic dip in		Gas with automatic igniter arm	
Dimensions [cm]	25 W * 38 D * 45 H		25 W * 38 D * 44 H	
Weight	11.0 kg		5.0 kg	
Power	500W		500W	
Frequency	50/60 Hz		50/60 Hz	
Main Voltage	230V	115V	230V	115V
Part Numbers				
HFP 384	03841-000-10	03841-000-14		
HFP 386			03861-000-09	03861-000-13

HERZOG BY PAC

Herzog, originally established in 1937, is a long-established comprehensive line of laboratory instruments for testing distillation, flash point, vapor pressure, bitumen testing, cold flow properties, viscosity and other physical properties of materials.

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