

# FPA-3001C

## Flash Point Apparatus



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Main Technology Parameters

No.	Tech Indicator	Description
1	Power	AC220V±10% 50Hz (Can be changed to your country request)
2	Instrument Power	≤1300W
3	Color LCD	TFT,8 Inch
4	Touch Screen	Four-Wire Resistive
5	Print Motor	Thermal
6	Sweeping Program Motor	10W,4r/min
7	Sensor Arm Motor	10W,4r/min
8	Fire-Fighting Cover Motor	10W,15r/min
9	Point Firearms	50W,High Voltage Ceramic
10	Heated Furnaces	Quartz Heating Tube ,1200W
11	Cooling Fan	20W,AC220V
12	Characteristics	<ul style="list-style-type: none"> <li>• Single Chip Microcomputer Control</li> <li>• Fully Automatic</li> <li>• Touch Screen</li> <li>• Automatic Printing After Testing</li> <li>• Can be Connected with LIMS System</li> <li>• Easy to Operation</li> <li>• Testing Exactly</li> <li>• Result Reliable</li> <li>• Open Cup Method</li> </ul>

## ►► Standard Accessories

No.	Description	Note	Unit	Qty
1	Certification & Operation Video		Copy	1 Each
2	Main Part		Set	1
3	Fuse	15A	Piece	2
4	Oil Cup		Piece	1
5	Power Cord		Piece	1

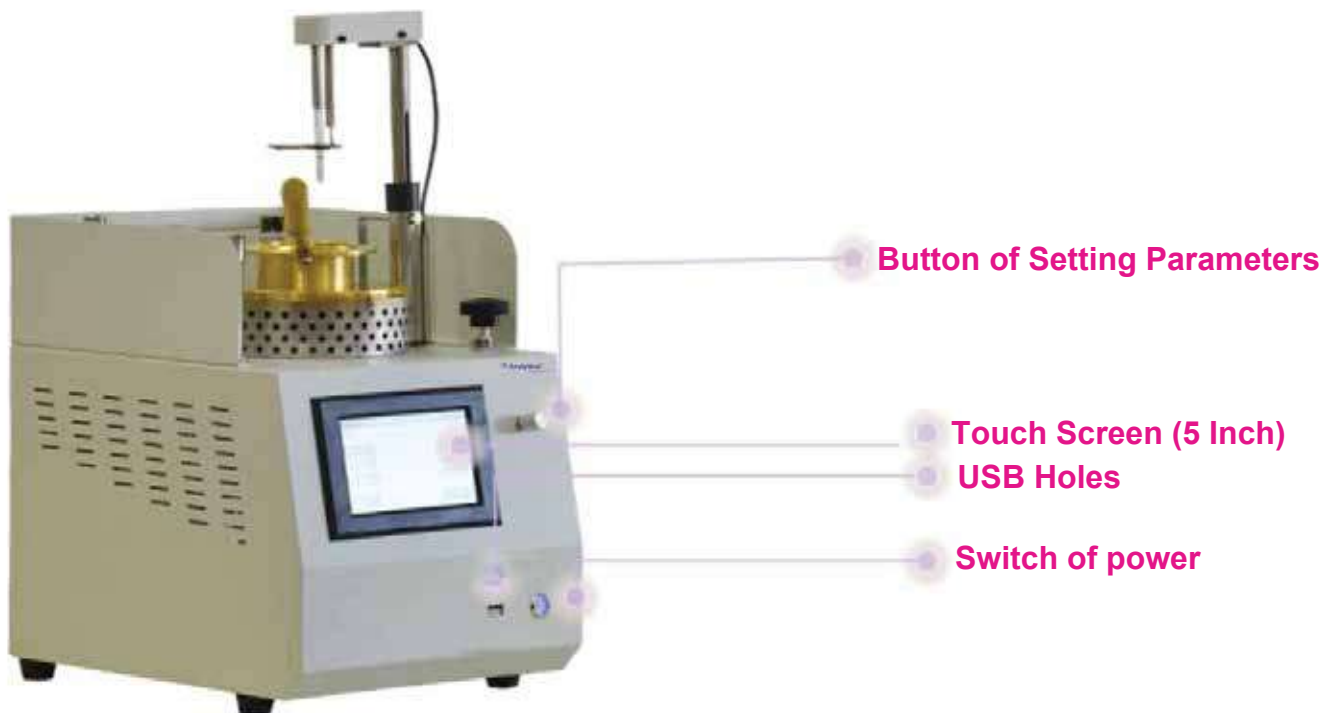
## ►► Standard Accessories

Catalog Number	Dimension (L×W×H) (mm)	Net Weight (Kg)	Gross Weight (Kg)	Materials of Package
FPA-3001C	685×455×660	22	37	Treated Wooden Package

## ►► Ordering Information

Catalog Number	Product Description	Electrical Requirements
FPA-3001C	Automatic Flash Point Tester (Open Cup Method)	AC220V±10% 50HZ (Can be changed to your country request)

Approximately 70 mL of test specimen is filled into a test cup. The temperature of the specimen is increased rapidly at first and then at a slower constant rate as the flash point is approached. At specified intervals a test flame is passed across the cup. The flash point is the lowest liquid temperature at which application of the test flame causes the vapors of the test specimen to be continued until the application of the test flame causes the test specimen to ignite and sustain burning for a minimum of 5s.



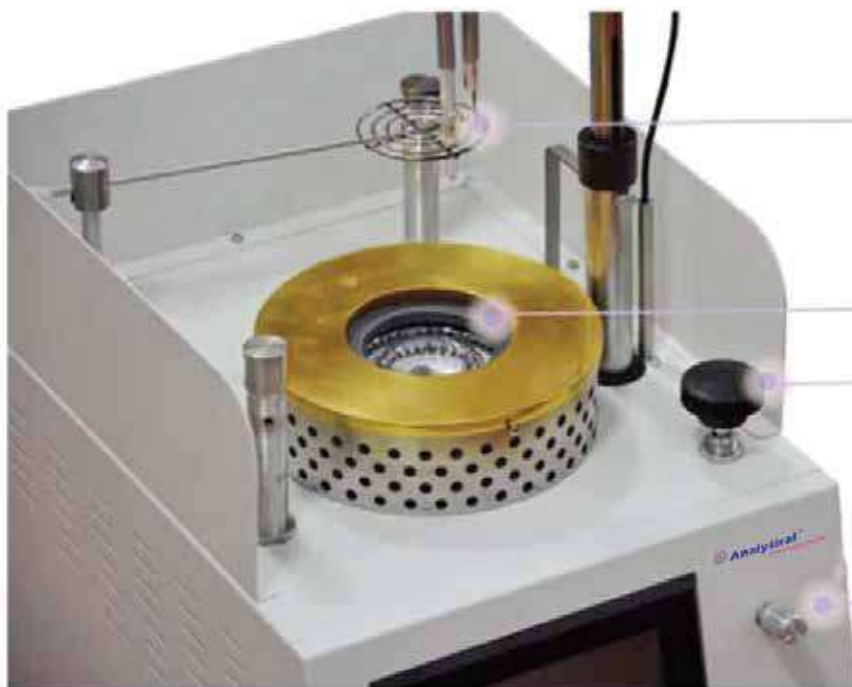


Source of Gas

Printer

Fuse

Connector of Power Line

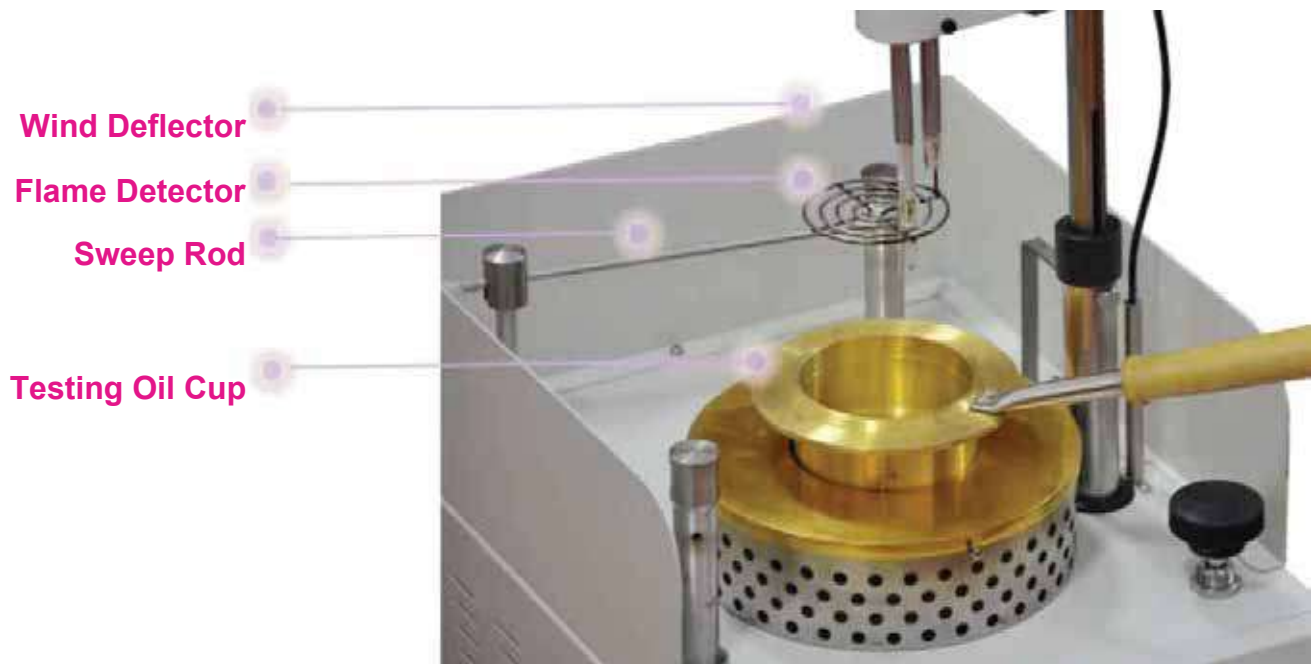


Temperature Sensor

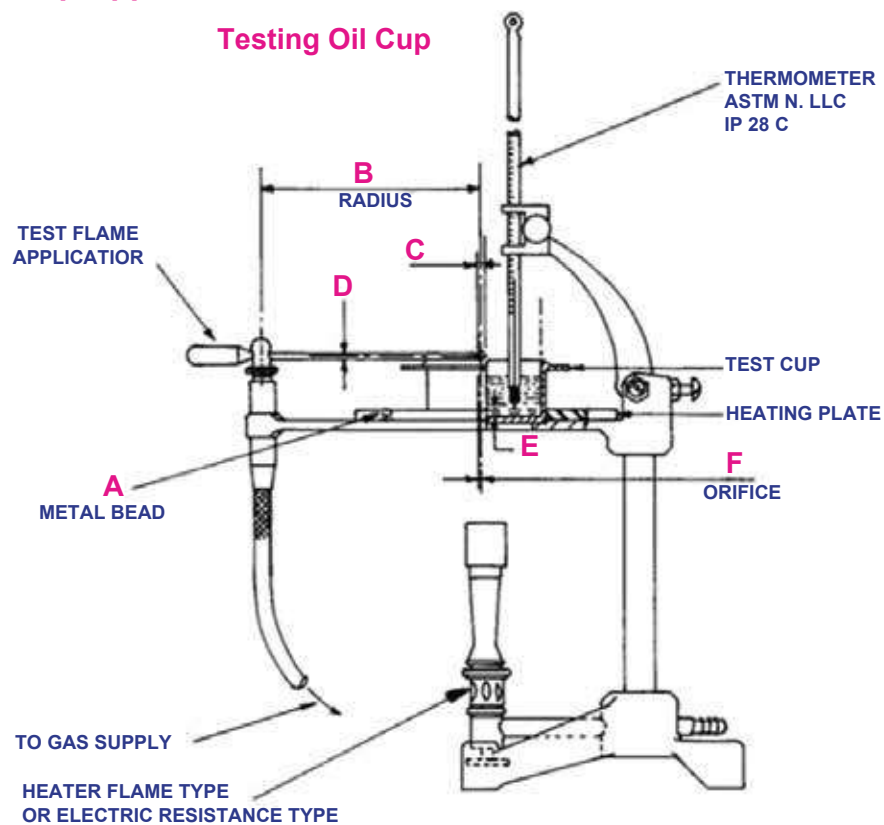
High Efficiency Electric Furnace

Button for Adjusting Flame

Button for Setting  
Software Parameters

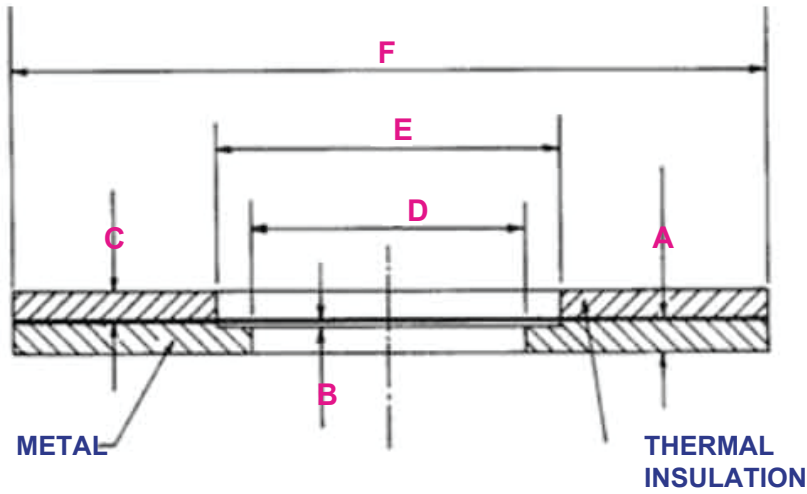


## ▶▶ Schematic Diagram of FPA-3001C Cleveland Open Cup Apparatus



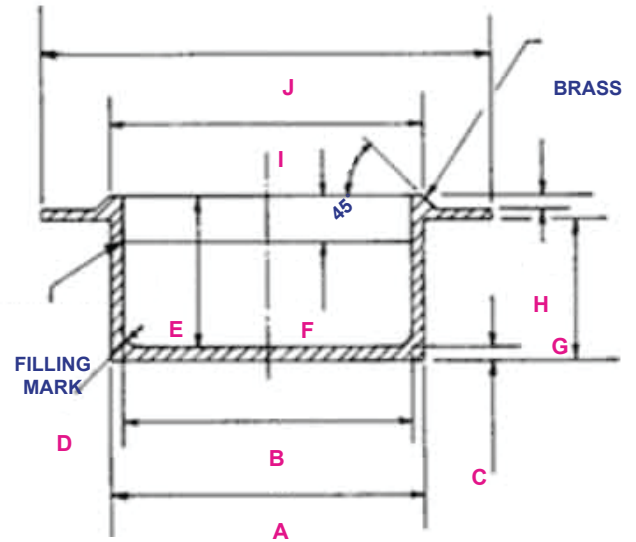
	millimeter		inches	
	min	max	min	max
A--Diameter	3.2	4.8	0.126	0.189
B--Radius	152	nominal	6	nominal
C--Diameter	1.6	nominal	0.063	nominal
D		2		0.078
E	6	7	0.236	0.276
F---Diameter	0.8	nominal	0.031	nominal

## Heating Plate



	millimeter		inches	
	min	max	min	max
A	6	7	0.26	0.276
B	0.5	1.0	0.020	0.039
C	6	7	0.236	2.276
D---Diameter	55	56	2.165	2.205
E---Diameter	69.5	70.5	2.736	2.776
F---Diameter	146	159	5.748	6.260

## Cleveland Open Cup



	millimeter		inches	
	min	max	min	max
A	67.5	69	2.658	2.658
B	63	64	2.480	2.480
C	2.8	3.5	0.110	0.110
D-Radius	4	nominal	0.157	0.157
E	32.5	34	1.280	1.280
F	9	10	0.354	0.354
G	31	32.5	1.221	1.221
H	2.8	3.5	0.110	0.110
I	67	70	2.638	2.638
J	97	100	3.819	3.819

## ►► Accessories of FPA-3001C



Testing Oil Cup  
(1 Piece)

Pipe for Gas  
(1 Piece)

Power Line  
(1 Piece)



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**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

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RTPCR



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Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system

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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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