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TANAKA
Petroleum Testing & Beyond

NEW

Automated Cold Filter Plugging Point Tester

afp-300

Simple Reliable Robust

- Simple and Easy Operation
- Custom Function
- Pre-wash Function
- Eco-friendly



Simple and Easy Operation

Enhanced simplicity by placing the temperature sensor, detectors and cables inside the arm. The arm unit also provides added protection to glass parts.

Custom Function

Both stepwise cooling and linear cooling are available.

Pre-wash Function

Pipette and filter unit can be easily washed by simply swinging the arm.



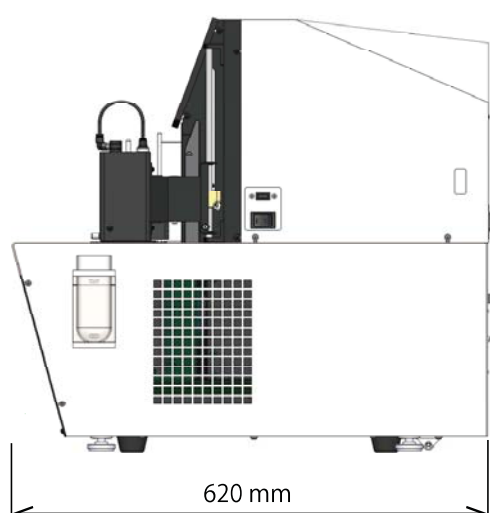
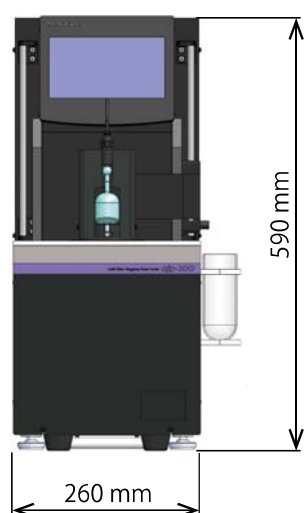
Pipette can be removed with one-touch.

Eco-Friendly

Equipped with CFC-free cooler achieving low noise, low vibration and energy-saving.
Sample temperature of -95°C can be reached without external chiller.



Dimensions



Effective Installation Space : W 400 mm x D 700 mm x H 700 mm

Weight: 44 kg

Specifications

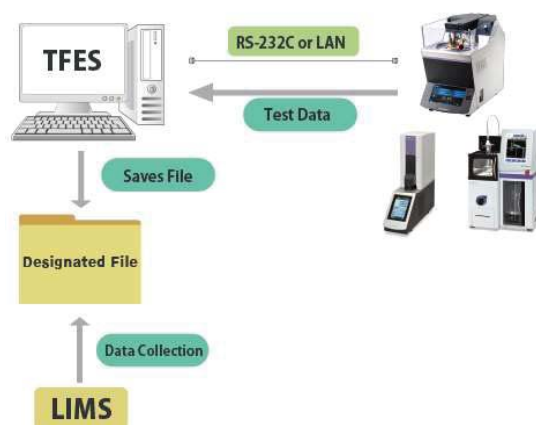


Product	Automated Cold Filter Plugging Point Tester afp-300
Test Methods	ASTM D6371, JIS K 2288, EN 116, EN 16329, IP 309
Measuring Range	-95 °C ~ +51 °C
Bath Temp Range	-105 °C ~ +55 °C
Test Mode	Step cooling mode, Custom mode
Display	7 inch touchscreen color LCD display
Temperature Sensor	Platinum Resistance Thermometer (100 Ω)
Liquid Level Detection	Infrared optical detection
Cooling / Heater	Sterling cooler
Safety Function	①Interlock function when lifting the detector unit ②Built-in over-suction separator
External Output	USB port × 2, Ethernet × 1
Power Supply	AC 100 V ~ 240 V 500 VA 50/60 Hz
Operating Environment	• Indoor use • Temperature: 10 to 35° C • Humidity: 80 % RH or less (no condensation)
Dimensions	W 260 mm x D 620 mm x H 590 mm
Weight	44 kg
Minimum footprint	W 460 mm x D 720 mm x H 660 mm

Note: Specifications and appearance are subject to change for product improvement without prior notice.

TFES (Tanaka File Export System)

By using this PC software, test results from Tanaka instruments can be collected and saved to a designated folder.



Standard Accessories

Code No.	Part Name	Qty	Remarks
1001215	Filter Unit Complete Assembly for AFP	1	
1001222	Filter	1	10 pcs.
1007141	Spacers for afp-300	1	
1000066	Test Jar	1	
1000065	Pipette	1	
1007144	Washing Vessel for afp-300	1	with Cap
1007165	Washing Vessel Cover for afp-300	1	
1007150	Vacuum Adapter Set	1	
1007176	Temperature Sensor Position Adjustment Jig for afp-300	1	
1006922	AC Power Cord 100/120V 2m	1	
1006930	AC Power Cord 220/240V 2m	1	
	USB	1	Instruction & Maintenance Manuals

Optional Accessories

Code No.	Part Name	Remarks
1005593	Printer NEX-C200U01	100 V to 120 V Nippon Primex Inc.
1005594	Printer NEX-C200U05	220 V to 240 V Connected to USB port
1005861	Printing Roll Paper	W58×φ50
1007140	Bath Cover	

Suggested Spares for 2 years

Code No.	Part Name	Qty	Remarks
1007113	Temperature Sensor for afp-300	1	
1000065	Pipette	3	
1007150	Vacuum Adapter Set	1	
1001215	Filter Unit Complete Assembly for AFP	1	
1001222	Filter	30	10 pcs.
1006958	O-Ring KS-4	10	
1000409	O-Ring S-14	10	
1000066	Test Jar	3	
1007141	Spacers for afp-300	1	
1007144	Washing Vessel for afp-300	1	

Distributed by

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