

標準付属品

品名	数量	備考
試料カップ組立品	1	取手付
着火ヒューズ	5	G7F51167C
テフロンチューブ	2	Φ1 × Φ2 × 100
LPガスホース	1	Φ9.5 × 1.5m
ガスバンド	2	
点火コイル組立品	1	EI-8
風よけ	1	apm-100 用
風よけ用取付ネジ FP100用	2	
電源コード	1	2m L字型
USBメモリ	1	取扱説明書・メンテナンスマニュアル

特別付属品

品名	数量
プリンタ NEX-C200U	1
プリンタロール紙 W58 x φ50	1

ペンスキーマルテンス密閉式自動引火点試験器

apm-100

Simple
Reliable
Robust



- 簡単なメンテナンス
- 安全機能搭載
- 試験モードのカスタマイズが可能
- 簡便な操作性

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Easy Replacement and Maintenance

- One-touch arm cover removal for easier igniter replacement and maintenance.



Safety Functions

- Overcut (overheat prevention)
- Fault diagnosis
- CO₂ / N₂ fire containment (external connection option)

Emergency Switch

- Additional emergency switch at front panel for increased safety.

Customized Options

- 7-inch color LCD touch screen
- Flexible Custom modes to allow free setting of stirring speed, heating rate, ignition source application timing, pre-heating of sample, etc.

Specifications



Product Name	Automated Pensky-Martens Closed Cup Flash Point Tester apm-100
Test Methods	ASTM D93, ASTM D8175, ISO 2719, ISO 15267, IP 34, JIS K 2265-3
Measuring Range	Ambient to 370 °C
Test Modes	Preset Test Modes: ASTM, JIS, and ISO (Compliant with Various Test Procedures) Custom Test Modes: Customizable Modes for Various Testing Conditions
Display	7 inch touchscreen color LCD display
Temperature Sensor	PT-100 in stainless steel sheath
Flash Detection	Temperature Detection (CRC thermocouple)
Ignition Source	Gas ignition with automatic lighting or Electric ignition. Interchangeable.
Barometric Pressure Correction	Barometric pressure correction automatic calculation
Safety Functions	① Overcut (overheat prevention) • Expected flash point +20 °C (No flash) • 370 °C (No flash) ② Fault diagnosis • Disconnection of Temperature Sensor • Disconnection of Flash Detector • Disconnection of Igniter etc. ③ CO ₂ / N ₂ fire containment (external connection option)
External Output	USB x 2, Ethernet x 1
Power Supply	AC100 V to 120 V / AC220 V to 240 V 50 / 60 Hz 900 VA
Operating Environment	Temperature: 10 °C to 35 °C Humidity: 80 % RH or less (no condensation)
Dimensions	W 240 mm x D 480 mm x H 400 mm
Weight	18 kg
Minimum Footprint	W 340 mm x D 580 mm x H 700 mm

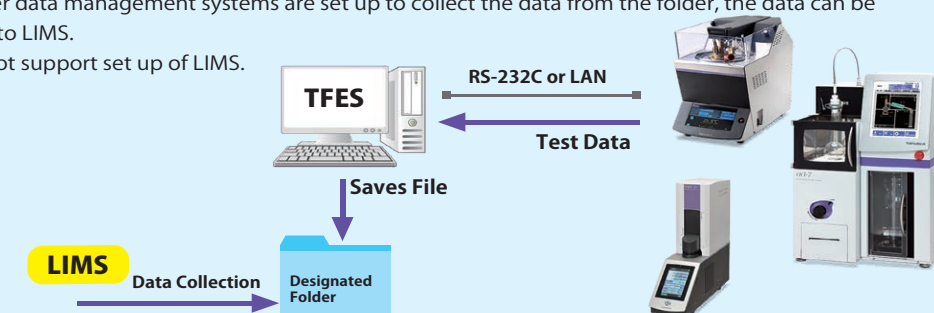
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Data File Export System (TFES)

Tanaka File Export System (TFES) is a PC software that collects test data from Tanaka instruments and saves it to a designated folder as a text or CSV file.

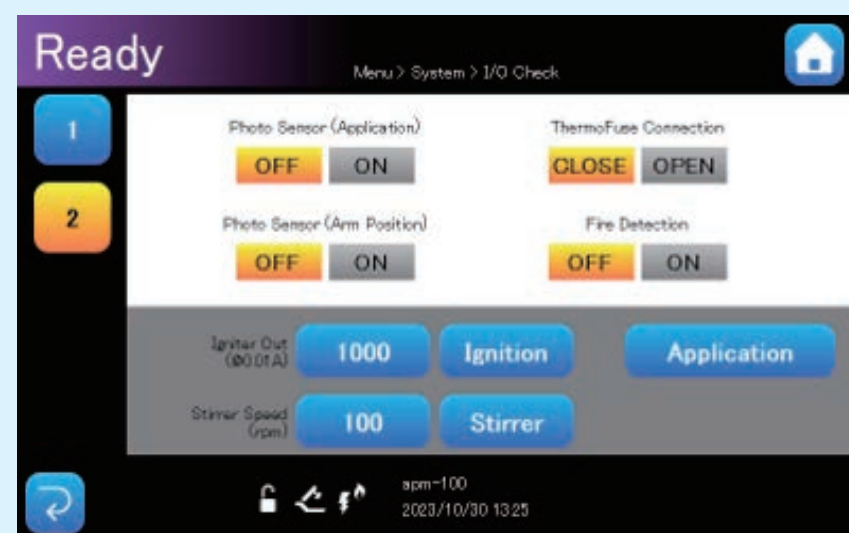
If a LIMS or other data management systems are set up to collect the data from the folder, the data can be incorporated into LIMS.

*Tanaka does not support set up of LIMS.



I/O Check

Test operation and fault diagnosis can be performed.



Dimensions

