

# FLASH POINT

## TAG CLOSED CUP

### ASTM D56 IP 491 IP 492 ISO 1516 ISO 1523 FLASH POINT BY TAG CLOSED CUP TESTER

This test method covers the determination of the flash point, by tag manual and automated closed testers, of liquids with a viscosity below 5.5 mm<sup>2</sup>/s (cSt) at 40°C (104°F), or below 9.5 mm<sup>2</sup>/s (cSt) at 25°C (77°F), and a flash point below 93°C (200°F)

### ASTM D3934 FLASH/NO FLASH TEST-EQUILIBRIUM METHOD BY A CLOSED-CUP APPARATUS

This test method covers the determination of whether a liquid complies with the closed-cup flash point requirements in government regulations, or in specifications, or as agreed between the purchaser and the seller.

This test method is limited to a temperature range between 0 and 110°C (32 and 230°F)

### ASTM D3941 FLASH POINT BY THE EQUILIBRIUM METHOD WITH A CLOSED-CUP APPARATUS

This test method covers the determination of the flash point of liquids in which the specimen and the air/vapor mixture above it are approximately in temperature equilibrium.

This test method is limited to a temperature range from 0 to 110°C (32 to 230°F)

### ASTM E502

Electrically heated by electronic regulator, mounted on a case painted with anti-acid epoxidic products. Test copper cup equipped with glide device and gas or electrical ignition. Waterbath and support-jacket made in brass. With internal cooling coil.

Technical specifications:

- Temperature: from ambient to 110°C (230°F) (up to -30°C (-22°F) with external unit)
- Power supply: 230V ±10% 50Hz
- Power: 700W
- Dimensions: 18x20x20 cm
- Weight: 6 kg

### 930 TAG CLOSED

With gas ignition

### 930/IE TAG CLOSED

With electrical ignition

### ACCESSORIES ON REQUEST

10-0748	GAS CYLINDER 2 kg Empty
10-0749	GAS REDUCER 30 mbar
10-0747	GAS TUBE, L=5 m
T-AS57C	THERMOMETER ASTM 57C
T-AS9C	THERMOMETER ASTM 9C IP 15C

### CONSUMABLES x 2 YEARS

15-CAN/IE	ELECTRIC IGNITOR x2
-----------	---------------------

### SPARE PARTS

15-0750/S	TUBE, L=3 m
15-0932	COPPER TEST CUP, pack of 2 pcs
15-0933	COVER WITH MOVEMENT
15-0753/CT	COLLAR FOR THERMOMETER
11-0022	HEATER
15-0934	GAS IGNITION
17-0750	TRASFORMER (for 930/IE)
15-0004	BIPOLAR GREEN SWITCH
15-0110	ELECTRONIC REGULATOR



930

2012

## FLASH POINT

Mounted on a case painted with anti-acid epoxidic products. Test copper cup equipped with glide device with gas and electrical ignition. Heat and cool: Double action contrast PID algorithm; cooling system made by 2Xpeltier cells, up to  $-15^{\circ}\text{C}$ ; heating by contrast (reverse cooling).

Apparatus with automatic temperature ramp, sensor flash point, atmospheric pressure sensor with  $\pm 0.1$  Kpa precision, glass PT100, electrical and gas ignition system, ramp precision of  $0.3^{\circ}\text{C}$ ,

Real time operating system with S.D.M. software application, network connection and remote control of the instrument, 1xUSB, ethernet and PCL support, Ramp and setpoint test procedure, TFT touch screen display with 800x480 screen resolution. Dual scale with  $^{\circ}\text{C}$  and  $^{\circ}\text{F}$  of choice, Tested with certified product. Friendly and easy to use application. Safe use and diagnostics of the components and sensors.

Over 500.000 guarantee test results memory, long life electric igniter for about 10000 cycles.

Technical specifications:

- Temperature:  $-15^{\circ}\text{C}$  up to  $110^{\circ}\text{C}$  ( $5 + 230^{\circ}\text{F}$ )

- Power supply:  $230\text{V} \pm 10\%$  50Hz

- Power: 800W

### **930/SEM TAG CLOSED SEMI-AUTOMATIC**

Without automatic flash point sensor and atmospheric pressure sensor

### **930/AUT TAG CLOSED AUTOMATIC**

With automatic flash point sensor and atmospheric pressure sensor

### **ACCESSORIES ON REQUEST**

10-0748	GAS CYLINDER 2 kg Empty
10-0749	GAS REDUCER 30 mbar
10-0747	GAS TUBE, L=5 m
14-0007/C	GLASS PT100 PROBE CERTIFIED

### **CONSUMABLES x 2 YEARS**

15-CAN/AUT	ELECTRIC IGNITOR x2
------------	---------------------

### **SPARE PARTS**

15-0750/S	TUBE, L=3 m
15-0932	COPPER TEST CUP, pack of 2 pcs
15-0933/AUT	COVER WITH MOVEMENT
11-0022	HEATER
15-0934	GAS IGNITION
15-0750/AUT/ION	THERMOCOUPLE (for 930/AUT)
17-0010	TRANSFORMER
15-0004	BIPOLAR GREEN SWITCH
14-0007	GLASS PT100 PROBE



930/AUT

2015