

FLASH AND FIRE POINT

CLEVELAND - COC

ASTM D92 IP 36 EN 22592 (obs.) ISO 2592 DIN 51376 (obs) FLASH AND FIRE POINTS BY CLEVELAND OPEN CUP TESTER

This test method describes the determination of the flash point and fire point of petroleum products by a manual Cleveland open cup apparatus or an automated Cleveland open cup apparatus.

This test method is applicable to all petroleum products with flash points above 79°C (175°F) and below 400°C (752°F) except fuel oils.

Electrically heated by electronic regulator, mounted on a case painted with anti-acid epoxidic products. Calibrated brass cup, gas ignition device fitted with a pivot manually or automatic passing on the cup. Fitted with pincers for thermometer.

Technical specifications:

- Temperature: from 79 to 400°C (from 175 to 752°F)
- Power supply: 230V ±10% 50Hz
- Power: 700W
- Dimensions: 29x33x30 cm
- Weight: 8 kg

880 CLEVELAND

With manually passing on the cup

890 CLEVELAND

With automatic passing on the cup by internal timer

ACCESSORIES ON REQUEST

10-0748	GAS CYLINDER 2 kg Empty
10-0749	GAS REDUCER 30 mbar
10-0747	GAS TUBE, L=5 m
T-AS11C	THERMOMETER ASTM 11C IP 28C

SPARE PARTS

15-0750/S	TUBE, L=3 m
15-0881	BRASS TEST CUP
15-0882	CENTERING RING FOR TEST CUP
15-0883	TEST FLAME APPLICATOR
15-0889	CLAMP FOR THERMOMETER
11-0022	HEATER
15-0004	BIPOLAR GREEN SWITCH
15-0005	BIPOLAR YELLOW SWITCH
15-0110	ELECTRONIC REGULATOR
15-0020	TIMER



890

2011

FLASH AND FIRE POINT

Mounted on a case painted with anti-acid epoxidic products. Calibrated brass cup, gas ignition device fitted with a pivot automatic passing on the cup. two electrical ignitor for automatic turn on of pivot.

Apparatus with automatic temperature ramp, flash sensor, glass PT100, electrical and gas ignition system, ramp precision of 0.1°C, Real time operating system with S.D.M. software application, network connection and remote control of the instrument, 2xUSB host+client ports, serial RS232 port, USB, ethernet and serial printer with PCL support, Custom method, ramp and setpoint test procedure, TFT touch screen display with 800x480 screen resolution. Dual scale with °C and °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.

The automatic version, 880/AUT model, is supplied with a automatic sensor for flash point and atmospheric pressure sensor with ±0.1 Kpa precision

Technical specifications:

- Temperature: from 79 to 400°C (from 175 to 752°F)
- Power supply: 230V ±10% 50Hz
- Power: 700W
- Dimensions: 46x31x57 cm
- Weight: 20 kg

880/SEM CLEVELAND SEMI-AUTOMATIC

Without automatic flash point sensor and atmospheric pressure sensor

880/AUT CLEVELAND 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/CL	ELECTRIC IGNITOR x4
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SPARE PARTS

15-0750/S	TUBE, L=3 m
15-0881	BRASS TEST CUP
15-0882	CENTERING RING FOR TEST CUP
15-0883	TEST FLAME APPLICATOR
11-0022	HEATER
14-0880/AUT/FIRE	SAFETY PIVOT THERMOCOUPLE (For 880/AUT)
14-0880/AUT/TEMP	TEMPERATURE THERMOCOUPLE (For 880/AUT)
17-0010	TRANSFORMER
15-0004	BIPOLAR GREEN SWITCH
14-0007	GLASS PT100 PROBE
14-0880	THERMOCOUPLE (For 880/AUT)



880/SEM

2013