



Existent Gum Tester

Existent Gum Tester LEGT- B30

Labtron LEGT- B30 is manufactured and made as per ASTM D381-12 “Test Methods for Existent Gum in Engine Fuels”. It is suitable to determine the tendency of fuels (gasoline, coal oil, diesel oil) to form gum when used in the motor.

Features

- ◆ Economical in design and size
- ◆ High temperature oil bath and control box
- ◆ Oil bath adopts stainless steel structure, durable

Applications

It is widely used in petroleum, chemical, automobile and development industries. It is also suitable for determining tendency of fuels (gasoline, kerosene and diesel oil) to form gum when the fuels are used in the engine.

Specifications

Model No.	LEGT- B30
Bath type	Oil bath
Bath capacity	5000ml±50ml
Ambient temperature	Room temperature to 35 °C
Relative humidity	≤85%
Temperature controlling range	RT to 250 °C
Temperature controlling accuracy	150°C±3°C; 180°C±3°C; 250°C±5°C
Heating type	Electric heater
Dimension	840*380*600mm
Total power consumption	≤1200W
Heating power	1000 W
Power supply	AC220V±10%, 50Hz

Existent Gum Tester LEGT- B31

Labtron LEGT-B31 is fabricated with heating bath and air compressor to be more accurate and meet the industrial requirements. The instrument is designed and made as per ASTM D381-12 “Test Methods for Existent Gum of Vehicle Gasoline and Aviation Fuels (Jet Evaporation Methods)”.

Existent Gum Tester

Features

- ◆ Independent flow meter use to adjust jet flows
- ◆ Designed heating bath and gas circuit
- ◆ Evaporation rate is good
- ◆ Determination of three sample can be done simultaneously

Applications

It is widely used in petroleum, chemical, automobile and development industry. It is also suitable for determining the existent gum content of aviation gasoline and motor gasoline.

Specifications

Model No.	LEGT- B31
Evaporation bath type and size	Aluminum block bath, $\phi 260 \times 130$ mm
Holes for testing	3 pieces
Size of holes for testing cylinder	$\phi 51 \times 70$ mm
Flow rate display	Flow meter
Working temperature	60 to 165°C
Temperature controlling methods	Automatic temperature controlling
Temperature display	Digitally displayed
Working pressure for decompression valve	0.035MPa
Gas source	Compressed air > 110 L/min
Dimension	550*370*335mm
Power supply	AC 220V \pm 10%, 50Hz; 2.5kW

Existent Gum Tester LEGT- B32

Labtron LEGT-B32 is designed with unique air compressor and flowmeter to meet industrial requirements. This instrument is designed and made as per standards GB/T 8019 Standard test method for gum content in fuels by jet evaporation and ASTM D381 Standard test method for gum content in fuels by jet evaporation.

Features

- ◆ Metal bath as the heating system
- ◆ Rapid heating speed and uniform bath temperature
- ◆ Five samples can be determined simultaneously
- ◆ Efficient and convenient

Existent Gum Tester

Features

- ◆ High quality air compressor
- ◆ Automatic temperature controlling method
- ◆ Independent flow meter
- ◆ Flow rate can be manually controlled and displayed using float ball flow meter

Applications

It is widely used in petroleum, chemical, automobile and development industry. It is the best choice for aviation gasoline and automotive gasoline manufacturing, using, and researching companies for existent gum determination.

Specifications

Model No.	LEGT- B32
Evaporation bath type and size	Aluminum bath $\phi 260 \times 130$ mm
Holes for testing	5 pieces
Size of holes for testing cylinder	$\phi 51 \times 70$ mm
Working temperature	160~165°C
Working pressure for decompression valve	0.07MPa
Air flow rate at jet nozzle	600ml/s
Dimension	590×480×340mm
Power supply	AC 220V±10%, 50Hz; 3.5 kW



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