



# Ash Content Tester LACT-A10

## Ash Content Tester LACT-A10

Ash Content Tester LACT-A10 is the device composed of muffle furnace, temperature controller and electric heating plate. It is small size and needs less land with special fire-resistant material and heating components. The heating time is short and it has a long lifetime. It used to determine the ash in the range 0.001 to 0.180 mass %, from distillate and petroleum products. It is in accordance with ASTM D482 std.

### Features

- It is composed of muffle furnace, a temperature controller and electric heating plate
- Muffle furnace adopts all-in-one structure
- Equipped with special fire-resistant material and heating components
- Adjustable LED and designed with temperature controller
- The overshoot is small and temperature control is stable
- Material used cold-roll steel sheet of outer shell furnace
- Good anti-corrosion and long life time

### Application

Ash Content Tester is used to determine the ash in the range 0.001 to 0.180 mass %, from distillate and residual fuels, gas turbine fuels, crude oils, lubricating oils, waxes, and other petroleum products, in which any ash-forming materials present are normally considered to be undesirable impurities or contaminants.

## Specification

Model	LACT-A10
<b>Electric Muffle Furnace</b>	
Controlled temperature	775 ±25 °C
Temperature rising time of empty chamber	≤ 50 min
Furnace temperature uniformity	≤ 15°C
Internal dimension	200 × 120 × 80 mm
External dimension	490 × 490 × 450 mm
Power consumption	2.5 kW
Power supply	AC 220V ±10%, 50 Hz
Net weight	35 kg
<b>Temperature controller</b>	
Maximum control temperature	1200 °C
Dimension	500 × 300 × 235 mm
Power consumption	5000 W
Power supply	AC 220±10% V, 50Hz
Net weight	5 kg
<b>Electric heating plate</b>	

Heating power	(1 to 6) grades, continuously adjustable
Temperature	400°C
Diameter of heating plate	Φ 180 mm
Dimension	280 × 250 × 90 mm
Power consumption	2000 W
Power supply	AC 220±10%V, 50Hz

## Standard Accessories

Accessories No.	Name	Qty
1	Main unit	1 set
2	Temperature controller	1 set
3	Hot plate	1 set
4	Thermocouple	1 piece
5	Compensation lead wire	1 piece
6	Porcelain crucible (50ml)	10 piece
7	Porcelain crucible (100ml)	10 piece
8	Crucible tong	1 piece
9	Fuse	2 piece