



***PORTABLE OCTANE NUMBER
AND CETANE METER
LD-LOCT-A20***

Portable Octane Number and Cetane Meter LD-LOCT-A20

Portable Octane Number and Cetane Meter LD-LOCT-A20 is a portable detector used for octane and cetane number measurement, based on theory of insulate magnetic permeability and electromagnetic induction. It offers 60 ×100 mm sensor and 15 hours operating time duration. The precise sensors can measure out parameters fluctuation of the tiny mediums, to get result of octane and cetane. The interface is use friendly with longer standby-cyclic charging battery. It has external cover with high strength, shock resistance and water, dust and moisture proof performance.

Features:

- Measure both of gasoline octane value and diesel cetane value
- Designed with larger screen display, Rapid and precise measurement
- Sensor adopt full-sealed design with alloying metal
- High strength, shock resistance and water/dust/moisture proof performance
- Upper and lower limits pre-setting are available
- Auto-off function save energy and realize low power consumption
- Equipped with 4 reliable batteries for recycling charging
- Measure the oil octane and cetane precise value rapidly and store large amount of data

Applications:

Portable Octane Number and Cetane Meter is used in Research Octane Number (RON) of unleaded gasoline, ethanol blended gasoline, leaded gasoline and Cetane Number for diesel fuels.

Specifications:

Model No.	LD-LOCT-A20
Measurement item	motor gasoline and diesel
measurement unit of octane is ON	40 to 120
Permissible error of octane	± 0.5 max
Fluctuate range of octane	± 0.2 max
measurement unit of cetane is CN	20 to 100
Permissible error of cetane	± 1 max
Fluctuate range of cetane	± 0.5 max
Measurement time	$\pm < 20$
Critical value for battery	2.5 V
Sensor	60 ×100 mm
Temperature	-10°C to 40°C
Humidity	30 % to 81 % RH
Barometric pressure	64 to 106 kPa
Measurement of octane standard	ASTM D2699-86, ASTM D2700-86
Measurement of cetane standard	ASTM D4737-03
Operation duration	15 h
Display	LED screen, printable result
Power consumption	30 ma
Weight	5 kg (max)