

OPACIMETER CODE TSM-C11E

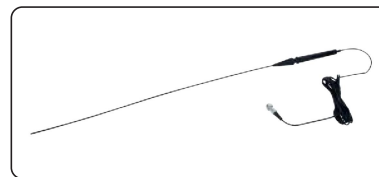
- According to ISO11614
- Used to test the visible contaminants in emissions (exhaust smoke) from the compression combustion (diesel) engine. Suitable for environmental protection, motor vehicle testing, engine manufacturing, automobile manufacturing and automobile repair
- LCD display and touch screen, can test "opacity" and "light absorption coefficient", simple and intuitive
- With "free acceleration test" and "transient test" function, automatic data processing
- Use sampling (split) test and "air curtain" protection technology, prevent the optical system from being polluted by exhaust smoke
- Test chamber is controlled under constant temperature, prevent the moisture condensation and temperature fluctuation for accurate measurements
- Automatic preheating and zeroing
- RS232 serial port communicates with external computer



speed adaptor (optional)



standard filter (included)



oil temperature sensor (optional)

SPECIFICATION

Measuring range	Opacity Ns	0~99.9%
	Light absorption coefficient K	0~16.0m ⁻¹
	Rotary speed	300~8000rpm
	Oil temperature	0~120°C
Resolution	Opacity Ns	0.1%
	Light absorption coefficient K	0.01m ⁻¹
	Rotary speed	1rpm
	Oil temperature	1°C
Accuracy	Opacity Ns	±2%
	Light absorption coefficient K	±0.05m ⁻¹
	Rotary speed	±1%
	Oil temperature	±2°C
Warm-up		15min
Effective length of optical path		215mm
Equivalent length of optical path		430mm
Environment	Temperature	5~40°C
	Relative humidity	5~95%RH
Power		AC220V 50Hz
Dimension	Control unit	370×280×220mm
	Measurement unit	435×230×360mm
Weight	Control unit	5.5kg
	Measurement unit	6.5kg

STANDARD DELIVERY

Main unit	Control unit	1pc
	Measurement unit	1pc
Sampling probe		1pc
Connection cable		1pc
Standard filter		1pc

OPTIONAL ACCESSORY

Printer	TSM-C11-PRINT
Speed adaptor	TSM-C11-S
Oil temperature sensor	TSM-C11-T
Software and RS-232C cable	TSM-C11-SOFTWARE