



## MQY-201 Opacimeter



### **Features:**

- Separated measure unit and control unit for easy operation.
- Advanced divided flow technology, constant temperature control in the testing room.
- Large LCD screen with reading of opacity and light absorption coefficient.
- Fast warm up, automatic zero and calibration check.
- With functions of free acceleration test and dynamic measurement.
- RPM and oil temperature measurement.
- RS-232 interface.
- Optional Micro printer and RPM meter.
- Suitable for free Accelerate & LUGDOWN emission test.

### **Technical Data**

Item: Resolution/ Measurement range/ Absolute accuracy

- Opacity (N): 0.01% / 0~99.90% /  $\pm 2.0\%$
- Optical absorption coefficient(K): 0.01 m-1 / (0~16.08) m-1 / 0.05 m-1
- RPM: 1r/min / (300~6000)r/min /  $\pm 50$ r/min
- Oil temperature: 1°C / (0~200)°C /  $\pm 5$ °C
- Gas temperature: 1°C / (0~150)°C /  $\pm 5$ °C

Warm-up time: less than 15 min

Power supply: AC 220V $\pm 22$ V, 50Hz $\pm 1$ Hz, 150W

Efficient length of optical path: 215mm

Net weight:

- Control unit: 5kg
- Measure unit: 6kg

Dimension(W×H×D)

- Control unit: 353×210×248mm
- Measure unit: 525×332×170mm