KOENG Emission Gas Analyzer

Vehicle inspection equipment

KOENG
(주) 코 엔 지

KOENG

KG-200

- Adopting NDIR gas sensor technology
- Fast-stable readings-updates gas tuning response
- RS232 Serial Port
- Real-time printing of measurement data (Option)

Measurement items
- CO, HC

Measurement principle
- Non-Dispersive Infrared(NDIR)

KG-500 / KG-500(B)

- NDIR technology for reliable
- Display Ramda (λ), AFR
- Convenient key operating system
- Built-in Printer(Optional) / PC Program
- Display RPM / Oil temperature (Optional)
- KG-500(B) : Rechargeable lithium ion battery power. (Can operated along 5 hours continuously)

Measurement items
- CO, HC, CO_2 , O_2 , NOx, Lambda(λ), AFR, RPM, Oil Temp

Measurement principle
- CO, HC, CO_2 : Non-Dispersive Infrared(NDIR)
  O_2 , NOx : Electrochemical

*Blue part is optional

Spec | KG-200, KG-500

Repeatability - under 2% FS

Response time - Max 10sec(over 90%)

Preheating time - 5~6 minutes

Sampling volume - 4L/min

Voltage - 100~220V Free Voltage 50/60Hz

Temperature -10℃ ~ 40℃

Size - 245(W) x 380(D) x 155(H)mm

Weight - About 6kg

Output Method - RS232

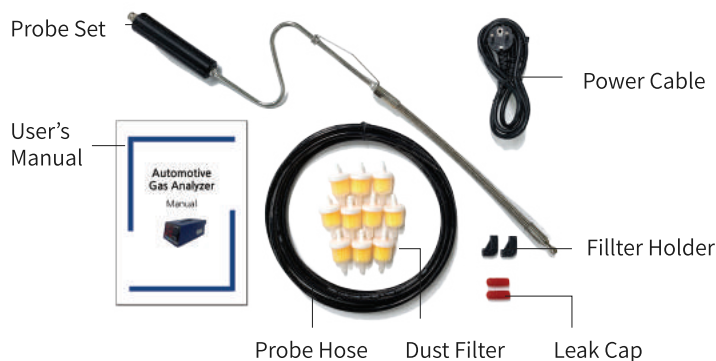**Printer** - Built-in thermal printer(Option)
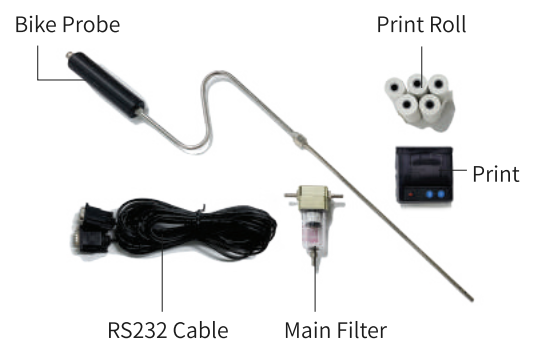
Spec | KG-500(B)
Please refer to the KG-500

Power - Rechargeable 12V Li-ion Battery(10Ah)

Charging Method - 12V Adaptor

Gas Accessories basic

Probe Set

User's Manual

Automotive Gas Analyzer Manual

Power Cable

Fillter Holder

Probe Hose   Dust Filter   Leak Cap

Gas Accessories option

Bike Probe

Print Roll

Print

RS232 Cable   Main Filter

OM-100 / OM-100(B)

- Partial flow opacimeter
- Quickly discharge smoke from vehicles with dual fans (to prevent pollution of lenses)
- Higher precision and longer life time
- Vehicle RPM, Oil Temperature Measurement(Option)
- Remote controller allows operation for distant equipment (Option)
- Built-in thermal printer (Option)
  Rechargeable lithium ion battery power.
  (Can operated along 5 hours continuously)

Measurement items
- Smoke opacity, Smoke density, RPM, Oil Temperature
Measurement principle
- Partial flow opacimeter

*Blue part is optional

Spec | OM-100

Repeatability - under 2% FS
Response time - 0.5 sec(90%), Bessel Low Pass Digital Filter
Preheating time - 5~6 minutes
Voltage - 110 or 220V 50/60Hz

Size - 415(W) x 130(D) x 225(H)mm
Weight - About 7kg
Output Method - RS232
Printer - built-in thermal printer(Option)

Spec | OM-100(B) Please refer to the OM-100

Power - Rechargeable 12V Li-ion Battery(10Ah)
Charging Method - 12V Adaptor

OPA Accessories basic

User's Manual
Probe Set
Hose Band
Power Cable
Probe Hose

OPA Accessories option

Print Roll
Print
232 Cable
Standard Filter
Remote Controller

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