

Opacity Smoke Meter

VS-8002



Basic accessories (Probe, Probe hose, Printer papers, AC, RS-232 communication cable, manual)



Optional accessories (Standard filters, Remote-controller)

Product Features

VISKOR VS-8002 potable opacity smoke meter provides an accurate means of detecting and measuring the smoke opacity in exhaust gases emitted by Diesel engine system.

Exceptionally light weight and compact design makes it easy to obtain accurate measurements. The VS-8002 smoke meter allows to control the test through your computer, display test results graphically. The complete system consists of a measurement & control unit, a probe, a probe hose, a built-in printer, a PC program and an instruction manual. Optional accessories: Remote controller, calibration filters, RPM, oil temperature meter

- Compact design and limited weight
- Short warm-up time, quick measurement readiness
- Time-saving and easy testing of opacity using the partial flow method with free acceleration
- Real-time smoke measurement(% , k [m-1])
- 4 digit LED display
- Integrated thermal printer
- PC program
- Response time of 0.5 second
- Auto-Zero/ Span calibration function
- Easy to use with remote controller(optional)
- RPM meter & Oil temperature meter(optional)

Technical Specifications

| Description | Opacity Smoke Meter |
|-----------------------------|---|
| Model | VS-8002 |
| Measuring items | Smoke opacity (% , k [m-1]), RPM (optional), Oil temperature (optional) |
| Measurement method | Light extinction method (Partial-flow sampling type) |
| Light source | Green LED(565nm) |
| Detector | Photodiode |
| Length/Diameter (cell) | Length: 215 mm(±0.5 mm) / Diameter 21 mm |
| Measuring range | 0.0 - 99.9% (K: 0 – 9.99 m) |
| Accuracy | 0.10% |
| Warm-up time | within 5 minutes |
| Response time | <0.5±0.015 sec. |
| Physical response time | 0.2 sec(Periodic response) |
| Power | AC 110V/220V, 50/60Hz |
| Temperature | -10 ~ 40°C |
| Pressure inside the chamber | Below 0.70 kPa |
| Dimension | 260(W) x 390(D) x 300(H) mm |
| Weight (Net/Gross) | 5.6kg / 10kg |
| Option | RPM meter, Oil temperature meter, Remote controller, Standard filters |

Technical specifications are subject to changes without notice.



Made in Korea

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