



O₂ sensor signal can be measured directly!

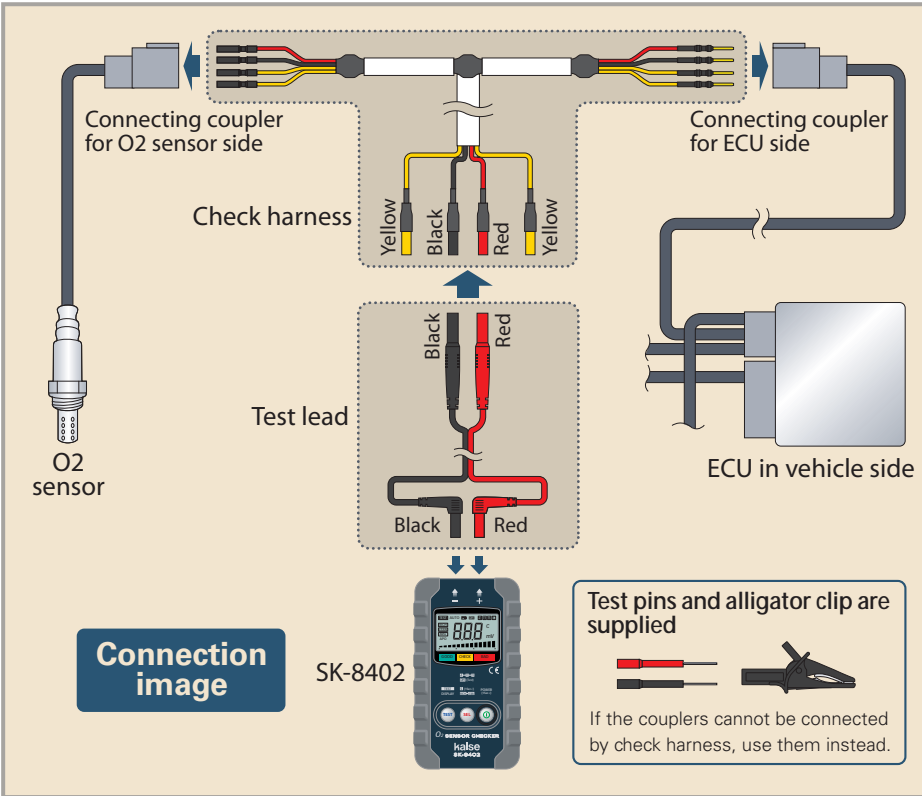
Without changing the present exhaust system

- ❖ Deterioration level of O₂ sensor can be checked easily by bar-graph
- ❖ Rich, Lean, Average voltages and Cycle are displayed respectively
- ❖ Simulated sensor signal output is available



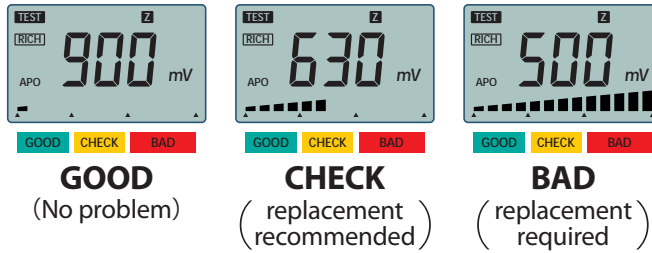
O2 Sensor Signal Can be Measured Directly

Deterioration level of O2 sensor can be checked without changing the present exhaust system.



Bar-Graph Display

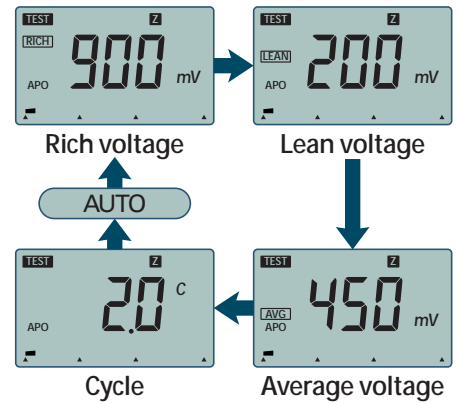
Deterioration level of O2 sensor can be checked easily by bar-graph.



Display Mode Changing

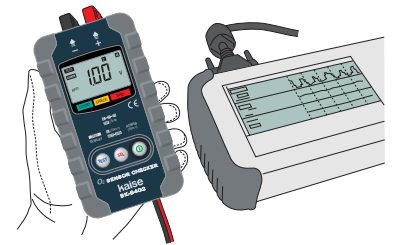
Rich, Lean, Average voltages and Cycle are displayed respectively.

※In AUTO, display is changed automatically at 3 seconds intervals. (RICH → LEAN → AVG → RICH)



Simulation Test

Simulated sensor signal output is possible that is useful for checking wiring error or ECU control with a combination of scanning tool.



Display Hold

Auto Power Off

CE Marking Approved

accuracy at 23°C ±5°C, <80% RH in non-condensing

| Model | SK-8402 | | | |
|---|---|---|------------|----------------------|
| | Range | Accuracy | Resolution | Max. effective input |
| DC Voltage (Auto-ranging) | 999mV | 0 to 200mV : ±1.5%rdg±10dgt 201 to 999mV : ±1.5%rdg±5dgt | 1mV | — |
| | 6.00V | ±1.5%rdg±5dgt | 10mV | |
| Cycle (Count of Rich/Lean alternation) | 10.0C | ±1%rdg±2dgt (from 0.2C) | 0.1C | 10.0C |
| Functions | Display mode changing, Simulation Test, Display Hold, Auto Power Off | | | |
| Sampling Rate | 500 times/second (LCD : 1 time/second in stand-by mode) | | | |
| Display (LCD) | LCD 999 count, 13 segment bar graph | | | |
| Operating Temperature & Humidity | 0°C to 40°C, 80%RH or lower (in non-condensing) | | | |
| Storage Temperature & Humidity | -20°C to 60°C, 70%RH or lower (in non-condensing) | | | |
| Temperature Coefficient | Add ×0.01°C to the accuracy outside 23°C ±5°C | | | |
| Overvoltage Indication | "H" display on LCD when 6V or more is input (same display for overflow indication) | | | |
| Reverse Connection Warning | "Err" display on LCD when minus voltage is input between input terminals Err (error) : Indication of minus voltage input | | | |
| Battery Warning | ⚡ sign starts blinking when the battery voltage becomes at approx. 2.5V. Simulation test should be stopped when it is detected. ⚡ sign blinks on LCD at approx. 2.4V or less. | | | |
| Power Supply | 1.5V R6P or LR6(AA) batteries × 2 | | | |
| Display Hold | Hold LCD display by pressing SEL Key (effective in normal test mode) | | | |
| Auto Power Off | Power turns off automatically after approx. 20 minutes of the last key operation. (cancelable) | | | |
| Operating Power Supply Voltage | Approx. 2.5V or more and 3.6V or less | | | |
| Power Consumption | 10mA or less in normal test mode (approx. 2μA or less in power-off mode) | | | |
| Continuous Operating Time (In Normal Test Mode) | Approx. 80 hours (manganese battery) Approx. 180 hours (alkaline battery) | | | |
| Dielectric Strength | 1.1kV 50Hz sine wave, for 1 minute (between circuit and case) | | | |
| Safety Level | CE marking approved. (IEC61010-1 CAT I 600V class2) | | | |
| Dimension & Weight (Accessories Are Not Included) | 148(H)×83(W)×33(D)mm, approx. 220g | | | |
| Accessories | 100-65 Test Lead, 911 Check Harness, 947 Alligator Clip, 795 Test Pins: Red & Black, 1030 Carrying case, Batteries (manganese 1.5V R6P, AA) × 2 | | | |

DISTRIBUTOR

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