

OSC 92GT300, 300B Freon Gas Detector

<Features>

- Corresponds to alternative refrigerant such as R134a/404A/407C/410A and existing refrigerant such as R22, etc.
- Micro leakage can be measured by max. sensitivity of 0.5 g/year (at R410A, H5)
- Quick response of within 0.5 sec at H5 range
- Zero reset button incorporated on probe (*OSC 92GT300B only)
- Possible to fit optional freon gas calibration device to the main body
- Auto alarm function which informs sensor wire breakage by buzzer sound and LED
- Flow meter is equipped on the panel of main body as a standard enabling to check suction status
- Easily understood detection judgement by scaled buzzer sound and the front speaker.
- External output like analog voltage output and alarm contact output incorporated as standard
- Low running cost with long service time of sensor and less consumables



OSC 92GT300B

<Specifications>

MODEL	OSC 92GT300, 300B
Objective gas	Existing general freon gases such as R12, R22, R502, R134a, R404A,
Detecting method	Semiconductor sensor suction method
Maximum sensitivity	5×10^{-6} ml/sec (approx. 0.5g/year) in case of R410A
Reaction speed	within 0.5 sec (at range H5, suction volume 200 mL/min)
Sensitivity range selection	H/L ranges 5 steps each
Suction method	Auto suction pump (max. 200 mL/min)
Leak indication	Analog meter and buzzer (buzzer volume and alarm point adjustable)
Reset Button	equipped on probe (OSC 92GT300B only)
Calibration device (optional)	NIST authorized calibration device (optional extra) 20 g/year can be equipped
Power source	AC100V-240V (50/60Hz)
External output	Voltage output for recorder DC0-5V, Alarm contact output (A point AC125V 1A)
Operational environment	$20 \pm 15^{\circ}\text{C}$ $65 \pm 20\% \text{RH}$
Dimensions and weight	350W x 270D x 160H mm, approx. 5.4 kg
Standard accessories	Standard probe (2 m) x 1, Spare fuse (3A) x 1, Cartridge filter x 5, performance data sheet, operation manual, certificate of guarantee 2
Optional extra	Sensor(black and blue), Probe Ass'y, Probe tube, Probe tip carbon flex, silicon seal, cartridge filter, Fuse for FER