

Simplified Gas Sensor Performance Evaluation System

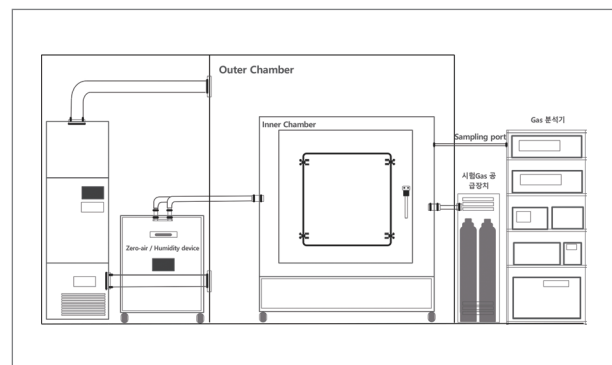
AGT-2080G



Key Features

- Dual-chamber system
- Equipped with safety devices to prevent test gas leakage
- Maintains test concentration within an average of $\pm 10\%$ during a 10-minute test period
- Automatic and remote control system
- Meets performance certification standards for simplified measuring instruments (Atmospheric and indoor air fields) under the Ministry of Environment's "Act on Environmental Testing and Inspection"

System Schematic



Classification		Specification
Test chamber configuration	Dimensions / Temperature / Humidity	< 15 ~ 20 m ³ (External) / < 4.1 m ³ or < 1.0 m ³ (Internal) 0 ~ 40 °C \pm 1 °C (External) / 50 % \pm 5 % (at 20 °C) (Internal)
ZERO AIR	Generation Flow Rate Generated Gas Concentration	400 L or within 250 L CO ₂ < 0.5 ppm, HCnm < 0.01 ppm, CO and CH ₄ < 0.03 ppm, NOx < 2 ppb, SO ₂ , NH ₃ , O ₃ < 0.5 ppb
Ultra-Pure Water	Applicable Standards for Gas Generation	2 L/min Production of Ultra-Pure Water (Type III Water), Integrated System for Simultaneous Production of Pure and Ultra-Pure Water Compliant with ASTM, NCCLS, CAP Type I, and EP & USP Purified Water Standards
Analytical Gas		NO ₂ , CO ₂ , CO, O ₂
Pneumatics	Processing Capacity / Power Supply	< ~ 830 L/min / ~ 10 HP
Automatic Control & Program		<ul style="list-style-type: none"> • External chamber temperature control, communication, and status monitoring • Internal chamber humidity setting and control • Remote control of Internal chamber exhaust/Ventilation • Test gas concentration setting and control • Operating software program