

Model Number	Technology	Feature	Concentration measure range	flowrate measure range	Key Recommendation	Communication Protocol	Notes
 Gasboard7500HA	Ultrasonic	O₂  Oxygen concentration and flow measurement	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	0~10L/min	Main-Stream: Portable Oxygen Concentrator (3L/5L/10L) Side-Stream (By-pass): Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL(3.3V) Analog	High accuracy, No-consuming parts, Long Lifespan
 Gasboard7500HA-RH	Ultrasonic	O₂  Oxygen concentration and flow measurement	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	0~10L/min	Main-Stream: Portable Oxygen Concentrator (3L/5L/10L) Side-Stream (By-pass): Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL(3.3V) Analog	High accuracy, No-consuming parts, Long Lifespan with humidity compensation
 Gasboard8500D-RH	Ultrasonic	O₂ Oxygen concentration measurement only	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	N/A	Main-Stream: Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL(3.3V)	Main flow integration, No need for by-pass design. With humidity compensation
 Gasboard8500V-RH	Ultrasonic	O₂ Oxygen concentration measurement only	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	N/A	Main-Stream: Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL(3.3V) Analog	Easy to be integrated, Can replace electrochemical/ galvanic oxygen sensor directly Long Lifespan
 Gasboard8500FS-L30	Ultrasonic	O₂  Oxygen concentration and flow measurement	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	0~30L/min	Main-Stream: High-End Portable Oxygen Concentrator (>10L, usually up to 20L) Side-Stream (By-pass): Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL (3.3V)	High accuracy, No-consuming parts, Long Lifespan
 Gasboard8500FS-X200	Ultrasonic	O₂  Oxygen concentration and bigger flow measurement. For flow, it support 0~240L/min	0 ~ 100% (for pure tank oxygen) 20.5 ~ 95.6% (for PSA oxygen)	0~240L/min	Main-Stream: Medical Oxygen Ventilator, High-flow Oxygen Therapy, Medical Oxygen Generator	UART_TTL (3.3V) /IIC / Analog	Fast response Combined solution to measure flow rate, Oxygen concentration, temperature and humidity