Technical Specifications

Specifications	Film Test	Package Test (customization available)
Test Range	0.01 ~ 1000 cm^3/m^2·d (standard) 0.1 ~ 10,000 cm^3/m^2·d (optional)	0.0001 ~ 10 cm^3/pkg·d (standard)
Number of Specimens	1 ~ 3	
Resolution	0.01 cm^3/m^2·d	0.0001 cm^3/pkg·d
Temperature Range	15°C ~ 55°C (optional)	/
Temperature Accuracy	±0.1°C	/
Humidity Range	0%RH, 15%RH ~ 90%RH, 100%RH (optional)	
Humidity Accuracy	±1%RH	
Test Gas	O_2 and air (outside of supply scope)	
Test Area	50 cm^2	/
Thickness	≤3 mm (customization is available for other thickness)	/
Specimen Size	108 mm x 108 mm	Test in 100% O_2: Specimen should be smaller than Φ120 mm and lower than 360 mm
		Test in the Air: No size limitation
		Bottles: the inner diameter should be bigger than Φ8 mm, outer diameter should be smaller than Φ42 mm (Standard)
		Bags or Boxes: Supported by accessories
Carrier Gas	High purity nitrogen with more than 99.999% concentration (outside of supply scope)	
Gas Supply Pressure	≥ 0.28 MPa	
Port Size	1/8 inch copper tubing	

Instrument Dimension	670 mm (L) x 410 mm (W) x 310 mm (H)	670 mm (L) x 410 mm (W) x 630 mm (H)
Power Supply	220VAC 50Hz / 120VAC 60Hz	
Net Weight	48 kg	50 kg