

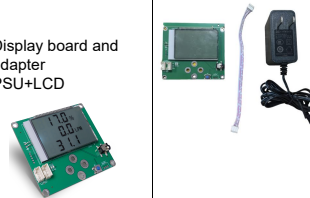
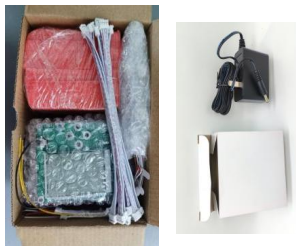
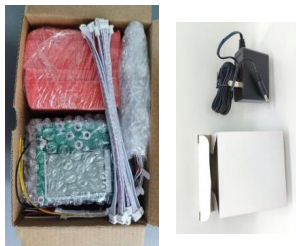
		◆High accuracy ◆Strong anti-interference ability ◆Response quickly		◆Long-term stability ◆Factory calibrated ◆Lifetime up to 5 years		Applicable to: •PSA Household/Medical Oxygen Generator •Portable oxygen generator •Large-scale oxygen generator •High-flow nasal cannula oxygen therapy device (HFNC)		• Ventilator / Respirator •Gas cylinder •Oxygen chamber		Winpower Technology Co., Ltd. E-mail: phc@winpower.com.cn/Xenia@winpower.com.cn Web: www.winpowersensor.com WHATSAAPP: 86+19128341459 winpowersensor.en.alibaba.com Shenzhen, Guangdong, China, 518111	
Item No.	Product Name	Picture	Application	Package	Size	Weight	Technical Specifications		Description	Sample price	
1	Ultrasonic oxygen sensor OCS-3F3.0		Conventional PSA oxygen generator	Small box (42*30*24cm) : 20 pieces/layer *5 layers =100PCS Large box (inside two small boxes, 50*32*44cm) : 100*2=200PCS Big box net weight: 5KG Gross weight: 7.2KG	120.5 x 22 x 22mm	25g	Range of Concentration: 21%~95.6% Resolution: 0.1% Accuracy: ±1.5%FS @(5-55)℃ Range of Flow: 0~10L/min(0-20L/min customized) Resolution: 0.1L/min Accuracy: ±0.2L/min or 5%reading ,which is bigger@(25±2)℃ Response Time: 0.5s Warm-up Time: Sensor works as soon as power on; 10s to within specified accuracy; Digital Output: 9600bps UART; 3.3V TTV level LED Output: GREEN:Concentration >82% YELLOW:82%>Concentration>50% RED: 50%>Concentration (Settings are adjustable according to customer's requirement) Direction: Unlimited Operating Temperature Range: 5~50℃ Operating Humidity Range: 5~85%RH (non-condensing) Power Supply: DC6.5-12V/50mA Sample gas: no water vapor (no condensing);no dust(<1 μm)		Can detect concentration and flow 21%-95.6% , 0-10L UART output //LED output The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	14USD	
2	Ultrasonic oxygen sensor OCS-3F2.1				120.5 x 22 x 22mm	25g	Range of Concentration: 21%~95.6% (21-100%, Need to be customized) Resolution: 0.1% Accuracy: ±1.5%FS @(5 - 55)℃ Range of Flow: 0~20L/min Resolution: 0.1L/min Accuracy: ±0.2L/min or 5% reading , which is bigger@(25 ±2)℃ Response Time: 0. 5s Warm-up Time: Sensor works as soon as power on; 10s to within specified accuracy Digital Output: 9600bps UART; 3.3V TTV level LED Output: GREEN: Concentration >82% YELLOW: 82%>Concentration>50% RED: 50%>Concentration (Settings are adjustable according to customer's requirement) Analog Output: 0-2.5V Direction: Follow the arrow Operating Temperature Range: 5~50℃ Operating Humidity Range: 5~85%RH (non-condensing) Power Supply: +12V DC/50mA Sample gas: no water vapor (no condensing);no dust (<1 μm)		Can detect concentration and flow 21%-95.6% , 0-20L UART output //LED output Increase 0-2. 5V analog output The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	15USD	
3	Ultrasonic oxygen sensor OCS-3FL1.2				Small box (42*30*24cm) : 30 PCS/layer *5 layers =150PCS Large box (two small boxes inside, 50*32*44cm) : 150*2=300PCS Big box net weight: 5KG Gross weight: 7.2KG	79 x 24 x 22mm	25g	Range of Concentration: 21%~95.6% Resolution: 0.1% Accuracy: ±1.5%FS @ (5 - 55)℃ Range of Flow: 0-10L/min Resolution: 0.1L/min Accuracy: ±0.2L/min or 5% reading , which is bigger@ (5 - 55)℃ Sample gas requirements: Arefaction(No condensation);Dust filtration(<1um) The spacing time of UART data: 500ms Warm-up Time: Sensor works as soon as power on; 10 seconds to within specified accuracy Digital Output: 9600bps UART; 3.3V TTV level LED Output: GREEN: Concentration >82% YELLOW:82%>Concentration>50% RED: 50%>Concentration (Settings are adjustable according to customer's requirement) Direction: follow the arrow Working temperature: 5~55℃ Storage temperature: -5~65℃ Working humidity: 5~85%RH		Can detect concentration and flow Smaller than OCS-3F 21%-95.6% , 0-10L UART output //LED output The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	14USD
4	Ultrasonic oxygen sensor OCS-3L1.4				78 x 24 x 24mm	20g	Range of Concentration: 21%~95.6% Resolution: 0.1% Accuracy: ±1.8%FS @(5 - 55)℃ Response Time: 0.5s Warm-up Time: Sensor works as soon as power on; 10s to within specified accuracy Digital Output: 9600bps UART; 3.3V TTV level LED Output: GREEN: Concentration >82% YELLOW: 82%>Concentration>50% RED: 50%>Concentration (Settings are adjustable according to customer's requirement) Direction: Any side is ok Operating Temperature Range: 5~50℃ Operating Humidity Range: 5~85%RH (non-condensing) Power Supply: DC 6.5-12VDC, 50mA Sample gas: no water vapor (no condensing);no dust (<1 μm)		Can only detect concentration 21%-95.6% UART output //LED output	10USD	

5	Ultrasonic oxygen sensor OCS-3F-2.1D				79.2 x 28.4 x 19.6	18g	Range of Concentration: 21%-95.6% Resolution: 0.1% Accuracy: $\pm 1.3\%$~$\pm 1.5\%$(when -20~60℃) $\pm 1.8\%$~$\pm 2.5\%$(when -40~-20℃/60-85℃) Range of Flow: 0-25L/min Resolution: 0.1L/min Accuracy: ± 0.15 ~ ± 0.2 / $\pm 5\%$ reading (when -20~60℃) ± 0.2 ~ ± 0.3 / $\pm 5\%$ reading (when -40~-20℃/60-85℃) Pipeline Pressure Compensation: 30 - 250 Kpa Atmospheric pressure compensation: 50 - 100 Kpa Altitude compensation: 0-6000 meter Warm-up Time: <2S (can be customized) Digital output: Baud rate 9600bps UART 3.3V TTL level Analog output: Customizable concentration and flow rate (0~2.5 V) Working temperature: -40~85℃ Storage temperature: -40~90℃ Working humidity: Max 10%RH Storage humidity: 0~95%RH working voltage: 4.5-12V working current: 15mA Sensor weight: 18g boundary dimension: L79.2*W28.4*H19.6 (L x W x H) product life: >10 years (20000H)	Can detect concentration and flow 21%-95.6% , 0-20L Pipeline pressure compensation Atmospheric pressure compensation Suitable for a wide temperature range UART output	18USD
6	Ultrasonic oxygen sensor OCS - 3FL2. 1		Conventional PSA oxygen generator	Small box (42*30*24cm) : 30 PCS/layer*5 layers =150PCS Large box (two small boxes inside, 50*32*44cm) : 150*2=300PCS Big box net weight: 5KG Gross weight: 7.2KG	79 x 24 x 22mm	25g	Range of Concentration: 21%-95.6% (21-100%,Need to be customized) Concentration Resolution: 0.1% Accuracy: $\pm 1.5\%$FS @ (5 - 55) ℃ Range of Flow: 0-20L/min Flow resolution: 0.1L/min Accuracy: ± 0.2L/min or 5% reading (which is bigger) @ (5-55℃) Oxygen requirements: Water removal(no condensation); Dust filtration(<1um),Humidity is lower than 10%RH Working temperature and accuracy: 5-55℃Error ± 1.0℃ Atmospheric pressure compensation: 300hPa~1100hPa Pipeline absolute pressure compensation: 300mbar~2000mbar Detection cycle: 500ms Warm-up time: Sensor works as soon as power on 10s to within specified accuracy. Digital output: 9600bps UART; 3.3V (TTL Level) LED output: reserved (Need to be customised) Direction: Follow the arrow to indicate the direction Temperature: -5~65℃ Working power supply: DC 5V-12V, 50mA	Can detect concentration, flow 21%-95.6%, 0-20L UART output : 3.3 V TTL level On the basis of OCS-3FL1.2, the flow rate is increased to 20L. Increased pipeline pressure compensation	18USD
7	Ultrasonic oxygen sensor OCS-3FL2.0			 	79 x 24 x 22mm	18.49g	Range of Concentration: 21%-95.6% Resolution: 0.1% Accuracy: $\pm 1.5\%$FS @ (5 - 55) ℃ Range of Flow: 0-20L/min Resolution: 0.1L/min Accuracy: ± 0.2L/min or 5% reading, which is bigger@ (5 - 55) ℃ Sample gas requirements: Arefaction(No condensation);Dust filtration(<1um) The spacing time of UART data: 500ms Warm-up Time: Sensor works as soon as power on; 10 seconds to within specified accuracy Digital Output: 9600bps UART; 3.3V TTV level Direction: follow the arrow Working temperature: 5~55℃ Storage temperature: -5~65℃ Working humidity: 5~85%RH Maximum Pressure: 150 kPa Power Supply: DC 5-12V, 50mA	Can detect concentration and flow Suitable for low flow 21%-95.6% , 0-20L UART output The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	15USD
8	Ultrasonic oxygen sensor OCS-3FL100P				79 x 34 x 26.1mm	18g	Range of Concentration: 21.0%-95.6% Resolution: 0.1% Accuracy: $\pm 2.0\%$FS @ (5 - 55) ℃ Range of Flow: 0-100L/min Resolution: 0.1L/min Accuracy: ± 0.3L/min or 5% reading, whichever is greater Pressure compensation range: 300mbar~2500mbar Sample gas requirements: Anhydrous(No condensation); Dust filtration(<1um) The spacing time of UART data: 500ms Warm-up Time: Sensor works as soon as power on; Digital Output: 9600bps UART; 3.3V TTV level Direction: follow the arrow Working temperature: 5~50℃(non-condensing) Storage temperature: -20~65℃(non-condensing) Working humidity: 0~95%RH(non-condensing) Power Supply: DC 5-12VDC, 50mA	Can detect concentration and flow 21%-95.6% , 0-100L Added pipeline pressure compensation Large flow detection Dual-mode flow output: Supports switching between standard and working conditions flow, suitable for different altitude environments The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	22USD

9	Ultrasonic oxygen sensor OCS-3MFL1.0		Portable oxygen generator		50 x 24 x 16mm	20g	Gas concentration detection range: 21%-95.6% (other purity range can be customized) Concentration resolution: 0.1% Concentration detection accuracy: ±1.5%FS @ (5 - 55) °C Gas flow detection range: 0-15L/min Flow resolution: 0.1L/min Flow detection accuracy: ±0.2L/min or 5% reading (whichever is larger) @ (5-55) °C Sample gas requirement: Water removal (no condensation); Dust filtration (< 1 u m) Detection period: 500ms Warm-up time: It can be measured by turning on the machine, 10s reach basic accuracy Digital output: 9600bps UART; 3.3V TTV level Gas inlet and outlet direction: Follow the direction indicated by the arrow Working temperature: 5~55°C Storage temperature: -5~65°C Relative humidity: 5~85%RH Working power: DC 5-12V, 50mA	Can detect concentration and flow 21%-95.6% ,0-15L UART output Smallest volume, mainly used for portable concentrator The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	14USD
10	Ultrasonic oxygen sensor OCS-3MFL3.0 CG			Small box (42*30*24cm) : 48 PCS/layer *5 layers =240PCS Large box (two small boxes inside, 50*32*44cm) : 240*2=480PCS Big box net weight: 5KG Gross weight: 7.2KG	50 x 31 x 23.5mm	20g	Gas concentration detection range: 21%-95.6% (other purity range can be customized) Concentration resolution: 0.1% Concentration detection accuracy: ±2%FS @ (5 - 55) °C Gas flow detection range: 0-25L/min Flow resolution: 0.1L/min Flow detection accuracy: ±0.2L/min or 5% reading (whichever is larger) @ (5-55) °C (working mode) Sample gas requirement: Water removal (no condensation); Dust filtration (< 1 u m) Detection period: 500ms Warm-up time: It can be measured by turning on the machine, 10s reach basic accuracy Digital output: 9600bps UART; 3.3V TTV level Level input: The sensor receives the valve opening signal (rising edge) 3.3V Level output: Sensor output open valve signal (3.3V high and low level PWM) (customized) Gas inlet and outlet direction: chip end in, socket end out Working temperature: 5~50°C Storage temperature: -35~65°C Single gas supply volume: maximum 250ml, accuracy 5% @ (5-50) °C (working mode) Relative humidity: 5~85%RH Working power: DC 5-12V, 50mA	Can detect concentration and flow 21%-95.6% ,0-25L UART output Measure and control single vent volume , mainly used for portable concentrator The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	16USD
11	Ultrasonic oxygen sensor OCS-3ML2.0				45 x 30 x 17mm	11g	Range of concentration: 21%-95.6%/99.9% Resolution: 0.1% Accuracy: ±1.8% FS @ (5 - 55) °C Sample gas requirements: Anhydrous (No condensation); Dust filtration(<1um) The spacing time of UART data: 500ms Warm-up Time: Sensor works as soon as power on; 10 seconds to within specified accuracy Digital Output: 9600bps UART; 3.3V TTV level Direction: Any side is ok Working temperature: 5~50°C Storage temperature: -5~65°C Working humidity: 5~95%RH Maximum Pressure: 150 kPa Power Supply: DC 4.5V-15VDC, 10mA Recommended: 5V or 12V	Can only detect concentration 21%-95.6% /99.9% The smallest size., mainly used for portable concentrator UART output Dual-mode communication: Supports PSA mode and pure oxygen mode . Can be switched with a single command. The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	10USD
12	Ultrasonic oxygen sensor OCS-3FS-1.2S (Including two-way three-way solenoid valve)			Small box (42*30*24cm) : 30 PCS/layer *4 layers =120PCS Large box (two small boxes inside, 50*32*44cm) : 120*2=240PCS Big box net weight: 5KG Gross weight: 7.2KG	50 x 34 x 16mm	17g	Range of concentration: 21%-95.6% Resolution: 0.1% Accuracy: ±2%FS @ (5 - 55) °C Range of flow: 0-15L/min Resolution: 0.1L/min Accuracy: ±0.2L/min or 5% of reading UART data report: 500ms or respond immediately after received instruction Digital Output: 115200bps UART ; 3.3V TTV level Working temperature: 10~50°C Storage temperature: -5~65°C Working humidity: 5~85%RH Maximum Pressure: 150 kPa Power Supply: DC 8V-15VDC depending on the solenoid valve Respiratory sensitivity: 2-12ml/min adjustable, Smaller and more sensitive	A globally unique invention patent that detects human breathing by measuring micro-flow Content: ①Detect and control the single gas release volume ②Single concentration, continuous flow, continuous concentration ③Pulse mode, direct supply mode, fixed pulse mode ④Supports altitude compensation: customizable (-500m~9000m altitude compensation) ⑤UART output ⑥Single gas supply time: minimum 0.12s ⑦Adjustable gas supply range: 1-20 adjustable gas supply volumes, sensitivity can be set, suitable for different user needs The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	26USD

13	Ultrasonic oxygen sensor OCS-3FRL-2.0			Small box (42*30*24cm) : 30 PCS/layer *5 layers =150PCS Large box (two small boxes inside, 50*32*44cm) : 150*2=300PCS Big box net weight: 5KG Gross weight: 7.2KG	79 x 24 x 22mm	25g	Range of Concentration: PSA oxygen generator: 21 - 95.6% Pure oxygen mixed with air: 21 - 100% Resolution: 0.1% Accuracy: ±1.5%FS @ (5 - 55) °C Range of Flow: 0-25L/min Resolution: 0.1L/min Accuracy: ±0.2L/min or 5% reading, which is bigger@ (25±2) °C Sample gas requirements: Arefaction(No condensation);Dust filtration(<1um); Gas cylinder mixed with air, PSA oxygen generator, PSA oxygen generator mixed with air The spacing time of UART data: 500ms Digital Output: 9600bps UART; 3.3V/5V TTV level LED Output: GREEN: Concentration >82% RED: Concentration<82% YELLOW: O2 flow rate < 0.5L/min (Settings are adjustable according to customer's requirement) Direction: follow the arrow Working temperature: 5~55°C Temperature accuracy: 0~3°C Storage temperature: -5~65°C Working humidity: 5~85%RH Atmospheric pressure compensation range: 55-110kpa Pipeline pressure compensation range: 0-100Kpa Power Supply: DC 6.5-12V, 50mA	Can detect concentration and flow (HFNC) 21%-95.6%/100% , 0-25L/min UART output/ LED output Temperature and humidity compensation, atmospheric pressure compensation, Pipeline pressure compensation Mode: PSA+air // Pure oxygen+air The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	30USD
14	Ultrasonic oxygen sensor OCS-3RL2.0 (For oxygen chamber)	 	PSA oxygen generator + air or Pure oxygen + air 	Small box (42*30*24cm) : 48PCS/layer *5 layers =240PCS Large box (two small boxes inside, 50*32*44cm) : 240*2=480PCS Big box net weight: 5KG Gross weight: 7.2KG  	45 x 30 x 17mm	11g	Range of concentration: (Need note whether it's sealed or not) Pure oxygen: 21.0%-100%/0-100% PSA oxygen concentrator: 21.0%-95.6%/0-95.6% Resolution: 0.1% Accuracy: ± 1.5%FS @ (5 - 55) °C Humidity detection range and accuracy: 0-100%RH and ±3.5%RH Temperature detection range and accuracy: 0-60 °C and±0.2 °C Pressure detection range and accuracy: 300mbar~1500mbar and ±3mbar Sample gas requirements: Anhydrous(No condensation); Dust filtration(<1um) The spacing time of UART data: 500ms Warm-up Time: Sensor works as soon as power on; 10 seconds to within specified accuracy Digital Output: 9600bps UART; 3.3V TTL level Direction: Any side is ok Working temperature: 5~50 °C(non-condensing) Storage temperature: -20~65 °C (non-condensing) Working humidity: 0~95%RH(non-condensing) Atmospheric pressure usage range: 50kpa-150kpa Power Supply: DC 5V-12VDC, 50mA	Can detect concentration (HFNC) 0%-100% The smallest size. UART output Temperature and humidity compensation, atmospheric pressure compensation Mode: PSA+air // Pure oxygen+air	18USD
15	Ultrasonic oxygen sensor OCS-3F260	 			80 x 45 x 30mm	23g	Range of concentration: (Need note whether it's sealed or not) Pure oxygen: 21.0%-100%/0-100% PSA oxygen concentrator: 21.0%-95.6%/0-95.6% Concentration resolution: 0.1% Concentration detection accuracy: ±3% FS @ (5 - 55) °C Gas flow detection range: 0-260L/min Flow resolution: 0.1L/min Flow detection accuracy: <20L/min ±0.5L/min @ (5 - 55) °C >20L/min ±3%FS @ (5 - 55) °C Sample gas requirement: Water removal (no condensation);Dust filtration (< 1 u m) Testing periodic time: >100ms Warm-up time: It can be measured by turning on the machine,10s reach basic accuracy Digital output: 9600bps UART; 3.3V TTV level Inlet and outlet direction: Follow the direction indicated by the arrow Working Temperature: 5~55°C Storage temperature: -5~65°C Relative humidity: 5~85%RH Working power: DC 5V-12V, 50mA Environmental pressure: 70-110 kPa	Can detect concentration (HFNC) 0%-100% Traffic detection range: 0-260LPM Installed in the main pipe UART output Temperature and humidity compensation, atmospheric pressure compensation Mode: PSA+air // Pure oxygen+air The pipeline can withstand pressure of 150Kpa, but the pipeline pressure will affect the flow accuracy of the sensor, and the flow reading will be low.	30USD
16	Ultrasonic oxygen sensor OCS-3R100				63 x 26 x 30mm	20g	Range of concentration: (Need note whether it's sealed or not) Pure oxygen: 21.0%-100%/0-100% PSA oxygen concentrator: 21.0%-95.6%/0-95.6% Resolution: 0.1% Accuracy: ±1.5% FS @ (5 - 55) °C Sample gas requirements: Dry (no condensation); dust filter (<1um) Data send cycle: 500ms Warm-up Time: Sensor works as soon as power on Communication Protocol: 9600bps UART 3.3V TTV level Gas Flow Direction: Any side is ok Working temperature: 10~50°C Storage temperature: -5~65°C Working humidity: 5~95%RH Maximum Pressure: 150 kPa Power Supply: 5-12VDC, 50mA	Can detect concentration (HFNC) 0%-100% Can be too large flow, installed in the main pipeline UART output Temperature and humidity compensation, atmospheric pressure compensation Mode: PSA+air // Pure oxygen+air	25USD

17	Handheld ultrasonic oxygen analyzer RP-01		PSA oxygen generator	 box (54*44*20cm) :9PCS/layer *4 layers =36PCS net weight: 10.8KG Gross weight: 17.8KG	17.6 x 9.6 x 3.5cm	300g	Concentration: Range: 21% to 95.6% Input: PSA oxygen concentrator output only Resolution: 0.1 % Accuracy: ± 1.5% Flow: Range: 0 to 10.0 L/min (0 to 20 L/min) Input: PSA oxygen concentrator output only Resolution: 0.1 L/min Accuracy: ± 5% FS. (± 0.2 L/min) Pressure: Range: 0-100Kpa Resolution: 1Kpa Accuracy: ±1% FS Temperature: +5°C to +55°C Display: LCD Power supply: 12V 1A Battery: 3000mAh Quality Assurance: 24 month	Detect concentration, flow, pressure: 21%-95.6% 0-10L (0-20L) 0-100Kpa	150USD
18	Handheld ultrasonic oxygen analyzer RP-03				17.6 x 9.6 x 3.5cm	300g	Concentration: Range: 21% to 95.6% Input: PSA oxygen generator output gas Resolution: 0.1 % Accuracy: ± 1.5% Flow: Range: 0 to 10.0 L/min (0 to 20 L/min) Input: PSA oxygen concentrator output only Resolution: 0.1 L/min Accuracy: ±0.2LPM Pressure: Range: 0-344Kpa Accuracy: ±2Kpa Temperature: +5°C to +55°C Display: LCD Power supply: 12V 1A Battery: 3000mAh Quality Assurance: 24 month	Detect concentration, flow, pressure: 21%-95.6% 0-10L (0-20L) 0-344Kpa	160USD
19	Pulse ultrasonic oxygen analyzer RP-A01		Portable oxygen generator		11.93 x 7.9 x 4.07cm	267.5g	Concentration: Range: 21%-95.6% Precision: ±1.5% Resolution: 0.1 % Flow: Range and Precision: (Error is percentage of reading) 0 - 20slm ± 2.1% 20 - 30slm ± 2.5% 30 - 40slm ± 3.1% 40 - 50slm ± 3.9% Resolution: 1.0 sccm Pressure: Range: 0 - 180KPa Precision: ± 0.3KPa Temperature: (+5--+50)*C Gas Type: 02, Air, Air+02 Power supply : 5V/500mA USB + built-in lithium battery Battery capacity: 3.7V 900mAh, with a battery life of 8-10 hours Communication interface: RS485 (Baud rate 115200), USB serial port	Dual-mode free switching: Pulse mode (single volume, volume per minute, instantaneous flow rate) + Normal mode (concentration, flow rate, temperature, pressure) Can detect concentration, flow, pressure Flow detection range: 0-50.0slm Concentration detection range: 21.0%-95.6% Pressure detection range: 0-180KPa	700USD
20	Pulse ultrasonic oxygen analyzer RP-A02				25 x 12 x 7cm	425g	Concentration: Range: 21%-95.6% Precision: ±1.5% Resolution: 0.1 % Flow: Range and Precision: (Error is percentage of reading) 0 - 20slm ± 2.1% 20 - 30slm ± 2.5% 30 - 40slm ± 3.1% 40 - 50slm ± 3.9% Resolution: 1.0 sccm Pressure: Negative pressure detection range: -500Pa-0pa Precision: ± 0.3KPa Trigger negative pressure: 5pa-60pa Gas Type: 02, Air, Air+02 Power Supply: 12VDC 1000mA Temperature: (+5--+50)*C Communication mode: RS485(Baud rate 115200)	Dual-mode detection: Pulse mode (single gas supply volume, trigger count, false alarm count) and Direct supply mode (real-time flow rate, concentration, temperature and humidity) Can detect concentration, flow, Traffic detection range: 0-50.0slm Concentration detection range: 21.0%-95.6% Negative pressure detection range: -500Pa-0Pa An air pump is installed inside to simulate human breathing	1000USD

21	Limit current oxygen sensor module GSTB-400H-V1.2 (include temperature and humidity module THPMINI-V1.0 and +OLED Screen)		① Oxygen detection in high-altitude rooms ② Gas monitoring in industrial processes ③ Environmental monitoring equipment ④ Laboratory gas analysis ⑤ Oxygen concentration detection in medical settings ⑥ Oxygen monitoring in agriculture and storage ⑦ Research and educational experimental equipment		58.3 x 42.1 x 20.3mm		Measuring gas: Oxygen Measuring medium: Atmosphere Gas concentration detection range: 0.1%-40% oxygen (other concentrations can be customized, such as 0.1%-96%) Concentration resolution: 0.01% Concentration detection accuracy: ±1% FS@ (-40 ~ +85℃) ℃ Response time (t90): less than 15 second Preheating time: 60 seconds Temperature sensor accuracy: ±0.3℃ (range: -40 ~ +85℃) Humidity sensor accuracy: ±3%RH (range: 0 ~ 100%RH) Air pressure sensor accuracy: ±3 pa (range: 20 ~ 130 kpa) Sample gas requirements: water removal (no condensation); Dust filtration (< 1 u m) Service life: ≥5 years Working temperature: -40℃~ +85℃ Work humidity: 0~ 100%RH Working gas pressure: 20kpa~130kpa Operating surface temperature: ≤150℃ Storage temperature: -40℃ to 100℃ Shelf life: -40℃ to 100℃, dry conditions, original packaging conditions, two years Maximum temperature change rate: ±60℃/S	It can detect oxygen concentration, temperature, humidity and air pressure. Communication interface: UART	30USD
22	Display board and adapter PSU+LCD		 Test tool		12 x 10 x 7cm	170g	Conventional display mode: -00- (Suitable model: 3F, 3FL, 3L, 3ML, 3MFL) 3RRL sensor dedicated display mode: -01- 3FRL sensor dedicated display mode: -02- 3F260 sensor dedicated display mode: -03-	Display purity, flow,temperature, humidity, pressure Multiple detection modes for almost all sensors (except 3FS/3R100 and custom models)	10USD
23	485 adapter board RP-485				7.15 x 2.2 x 1.13cm	25g	Working power supply: DC 9-36V , 100mA, 12V power supply isrecommended (If 4-20mA analog output is required and the power supply voltage is 18V-36V , 24V power supply is recommended) Digital output, Modbus protocol of 485 Analog output, 4-20mA (This function needs to be customized) Boundary dimension: 71.5mm × 22mm × 11.3mm (L× W × H) (Tolerance is 0.2mm)	Convert TTL signal to RS-485 digital signal or 4-20mA analog output (custom required) Note is required if model 3RL is used for	10USD
Note: 1. The above quotation is FOB Shenzhen 2. Payment method: Telegraphic transfer, full payment after delivery 3. Delivery time: 3-5 days in stock; About 35-40 days after OEM order confirmation. 4. Discount: Large discount for 1000PCS or more 5. Offer validity :1 month									