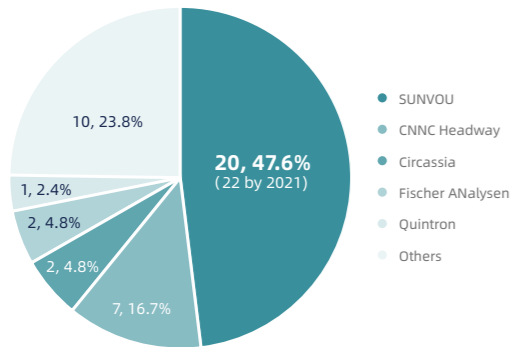


SUNVOU is global leader in breath molecular diagnosis technology innovations, with the most granted patents, the most registered products, 400+ peer reviewed publications, 4,000+ devices in hospitals and 12 million+ tests from 2012 to 2021, founded by formal NASA, Honeywell, CISCO and Huawei scientists & engineers, joined by MIT and UC Berkeley graduates.

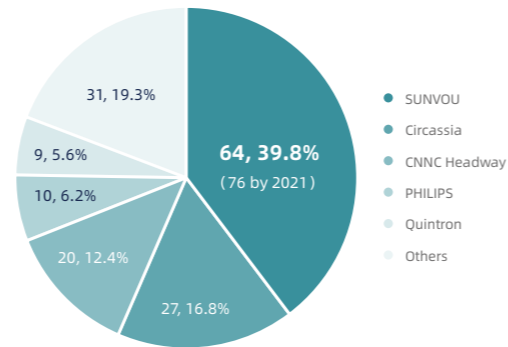
### Most Registered Products Worldwide

Data Source: Breath Test Medical Devices Market Research, Frost Sullivan, 2019



### Most Granted Patents Worldwide

Data Source: Breath Test Medical Devices Market Research, Frost Sullivan, 2019



### 70+ Granted Patents



### 400+ Peer Reviewed Publications



### ISO 13485 by TÜV Rheinland since 2011



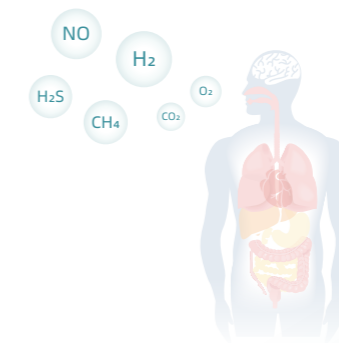
### CE Marked since 2012



# Nano Coulomb Breath Analyzer

for H<sub>2</sub>, CH<sub>4</sub>, H<sub>2</sub>S & NO breath tests

H<sub>2</sub>, CH<sub>4</sub> & H<sub>2</sub>S Breath Tests: Diagnosis of Dysbiosis  
 H<sub>2</sub>S & NO Breath Tests: Diagnosis of Inflammations  
 Routine Check-up on Gastrointestinal Conditions  
 Recommended by Consensus and Guidelines



### Sunvou Medical Electronics Co., Ltd.

#8 Jingxian Road, Xinwu District, Wuxi, 214000 Jiangsu, P.R. China

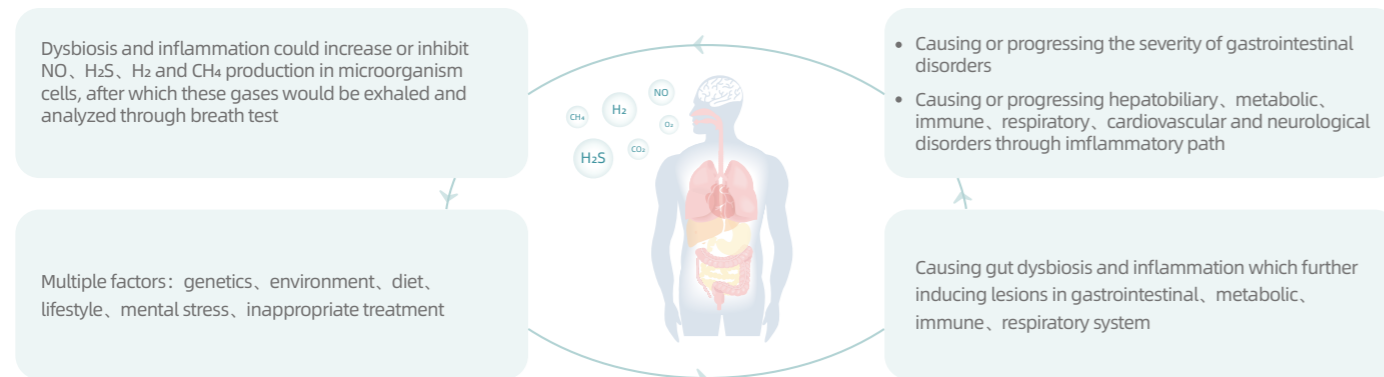
www.sunvou.com



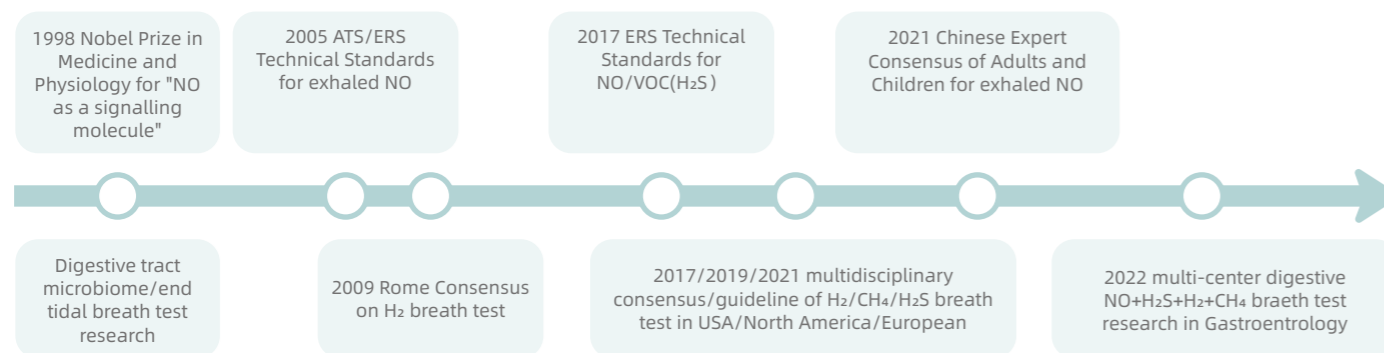
## Product Specifications

Specification	Sunvou-CA4458	Qintron BreathTracker SC	Bedfont Gastro+
<b>Biomarkers</b>	H <sub>2</sub> , CH <sub>4</sub> , H <sub>2</sub> S, NO, CO <sub>2</sub> , O <sub>2</sub>	H <sub>2</sub> , CH <sub>4</sub> , CO <sub>2</sub>	H <sub>2</sub>
<b>Detection Option</b>	Online, Offline, Tidal	Offline	Online
<b>Sensor Technology</b>	Nano Columbic electrochemical, semiconductor, infrared sensors	Chromatographic column, semiconductor detector	Electrochemical sensor
<b>Concentration Range/Accuracy</b>	<b>Range:</b> 0-200 ppm for H <sub>2</sub> , 0-75 ppm for CH <sub>4</sub> , 0-3000ppb for NO/H <sub>2</sub> S <b>Accuracy:</b> ±2ppm or 5% for H <sub>2</sub> /CH <sub>4</sub> , ±3ppb or 10% for NO/H <sub>2</sub> S	<b>Range:</b> 2-150 ppm H <sub>2</sub> , 2-75 ppm CH <sub>4</sub> <b>Accuracy:</b> ±3 ppm or 5% of full scale for H <sub>2</sub> /CH <sub>4</sub>	<b>Range:</b> 20-500ppm H <sub>2</sub> <b>Accuracy:</b> ≤±3ppm/10%
<b>Warm-up Time</b>	10 minutes	8 hours	Not specified
<b>QC</b>	Qualified user, Standard gas, Self-calibration Pre-calibration	Standard Gas <b>Daily calibration before use</b>	Standard gas <b>calibration every 3 months</b>

## Breath Test for Dysbiosis and Inflammations



## Recommended by Clinical Guidelines and Technical Standards



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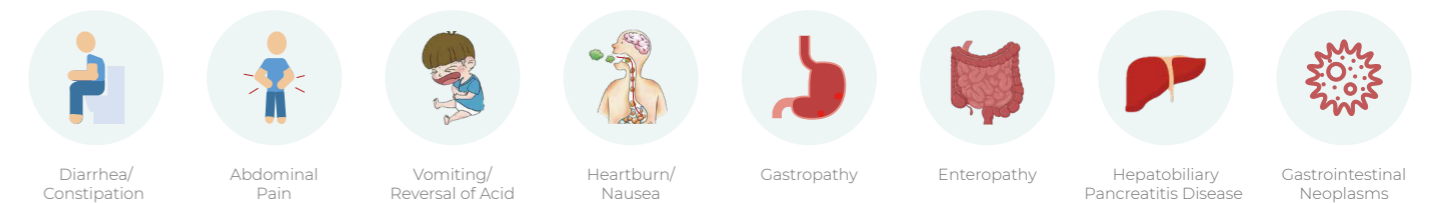
## Clinical Applications

- **Routine Check-up on Gastrointestinal Conditions**-Diagnosis dysbiosis and inflammation, guide and evaluate antibacterial and anti-inflammatory treatment, and Monitor prognosis.

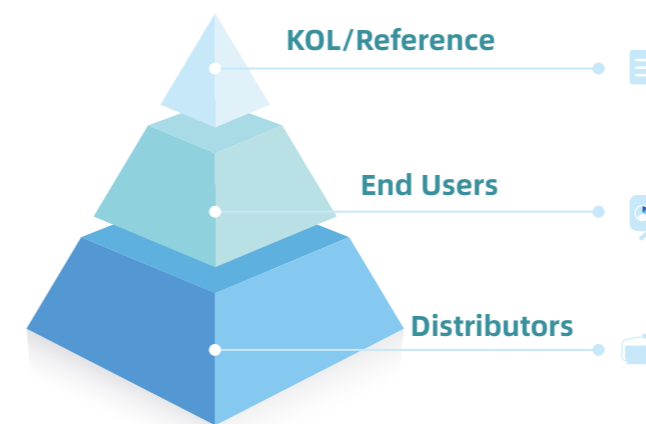
### Dysbiosis can be divided into 3 gas-producing microorganism overgrowth

End tidal breath test	NO	H <sub>2</sub> S	H <sub>2</sub>	CH <sub>4</sub>
<b>Fasting:</b> test 1 time, 3 min to give results	Inflammation	Intestinal Sulfate-Reducing Bacteria overgrowth or colorectal carcinoma	Intestinal bacterial overgrowth	Intestinal methanogen overgrowth
<b>Substrate:</b> test ≥ 4 times, 90 minutes to give results	N/A	Small intestinal Sulfate-Reducing Bacteria overgrowth (ISO)	Small intestinal bacterial overgrowth (SIBO)	Small intestinal methanogen overgrowth (IMO)
Typical gastrointestinal symptoms	Abdominal pain	Severe diarrhea, Bloody stool	Bloating, Diarrhea	Constipation
Indications and clinical departments	See <b>Indications</b> of digestive and non-digestive diseases below, involving digestion, endoscopy, neurogastrointestinal and motility, nutrition, paediatrics (formulated in Europe Guidelines), metabolic/endocrinology, immunological/rheumatology, psychiatric/neurological, brain/cardiology, allergic, dermatological/orthopedic, otorhinolaryngology/respiratory and physical examination, etc			

## Indications



## Sunvou Services



### Supported the Establishment of 8 National Guidelines and Consensus

Sponsored **200+** clinical research projects, **400+** Peered Reviewed Publications. **2** National Breath Test QC Center

### Serving 30,000+ Clinicians and Nurses

**100+** Training courses, **200+** On-line reading articles  
**1000+** Literatures, **1000+** Annual conferences

### Customer Survey Satisfaction >99% for 11 Consecutive Years

Installation/training/QC/upgrade **3000+**  
24-hr online 1-to-1 service, and **200+** instant chat service groups

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