



ACARE

A care you could trust

◆ *Medical Gas Products* ◆ *Sleeping Therapy* ◆ *SPO2 Diagnostic Equipment*

Acare Technology Co., Ltd.

Acare Technology is an ISO13485 & GMP certified company with a reliable quality control system, located in Taiwan. Each unit of our products has been conducted the strictest quality inspection before shipment.

Providing the most reliable respiratory equipment for you is our main priority .

Our products include:

- Pulse Oximeter
- SPO2 Probe Sensor
- Oxygen Regulator
- Demand Valve Resuscitation Set
- Medical Flowmeter
- Suction Trolley System
- Suction Regulator
- Suction trolley system
- Medical Gas Outlet
- Medical Gas Adapters
- Bed Head Unit
- CPAP Device
- CPAP Mask
- Portable Suction Unit
- Respiratory Accessories

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Finger Pulse Oximeter

Model: OxiSmarter I



Technical Specification

Patient Range	Adult & Pediatrics	
Display	Digital OLED display, 6 display modes Parameters SpO2, Pulse Rate(PR), PLETH bar, waveform Information Low battery Brightness Adjustable (10 levels)	
Battery	2 AAA (1.5Vdc) batteries Runtime: minimum 30 hours for standard use	
Pulse Rate (PR)	Range	30 - 235 bpm
	Resolution	1 bpm
	Accuracy	30-99bpm : ± 2bpm 100-235bpm : ± 2%
SpO2	Range	70 - 100%
	Resolution	1%
	Accuracy	70% - 100%: ± 2% 0% - 69% not defined
	Method	Dual wavelength LED
Environmental	Operating Temperature	5°C-40°C
	Storage Temperature	-20 °C-55°C
	Operating Humidity	RH≤ 80% , non-condensing
	Storage Humidity	RH≤ 93% , non-condensing
Classification	Type of protection compatibility	Internally Powered Equipment Class BF
	Safety	IEC 60601-1 IEC 60601-1-2
Appearance	Dimension	61 x 32 x 37 mm
	Weight	50g (including 2 batteries)

Display Modes



Features

- ★ Large OLED display with SpO2 waveform
- ★ Display direction can be selected
- ★ Low battery capacity indication
- ★ Brightness can be set at 10 levels
- ★ Light weight (50g with batteries)
- ★ Two AAA batteries for easy replacement
- ★ Automatic power off after removing finger in 8 secs
- ★ Can be worn around the neck for quick spot checking



Children Pulse Oximeter

Model: Oxy-Panda



Display Modes



Features

- ★ Easy and simple operation.
- ★ Display SpO2, PR, Pleth bar, Pleth waveform.
- ★ Battery-low indicator.
- ★ Suitable for use in hospital or at home.
- ★ Six display modes; adjustable brightness.
- ★ Low power consumption; automatically power off when finger out in 8 secs.



Pink Panda



Black Panda



Blue Panda

Technical Specification

Patient Range	Pediatrics	
Display	Digital OLED display, 6 display modes	
Parameters	SpO2, Pulse Rate(PR), PLETH bar, waveform	
Information	Low battery	
Brightness	Adjustable (10 levels)	
Battery	2 AAA (1.5Vdc) batteries	
	Runtime: minimum 30 hours for standard use	
Pulse Rate (PR)	Range	30 - 235 bpm
	Resolution	1 bpm
	Accuracy	30-99bpm : ± 2bpm 100-235bpm : ± 2%
SpO2	Range	70 - 99%
	Resolution	1%
	Accuracy	70% - 99% : ± 3% 0% - 69% not defined
	Method	Dual wavelength LED
Environmental	Operating Temperature	5°C-40°C
	Storage Temperature	-20 °C-55°C
	Operating Humidity	RH≤ 80% non-condensing
	Storage Humidity	RH≤ 93% non-condensing
Classification	Type of protection compatibility	Internally Powered Equipment Class BF
	Safety	IEC 60601-1 IEC 60601-1-2
Appearance	Dimension	50 x 28 x 28 mm
	Weight	25g (without batteries)

Finger Pulse Oximeter

Model: Oxi-Q



Technical Specification

Patient Range	Adult & Pediatrics	
Display	Digital LED display, 2 display modes	
Parameters	SpO2, Pulse Rate (PR), Pulse bar	
Information	Low battery	
Battery	2 AAA (1.5Vdc) batteries Runtime: minimum 40 hours for standard use	
Pulse Rate (PR)	Range	30 - 235 bpm
	Resolution	1 bpm
	Accuracy	30-99bpm : ± 2bpm 100-235bpm : ± 2%
SpO2	Range	70 - 99%
	Resolution	1%
	Accuracy	70% - 99%: ± 2% 0% - 69% not defined
Environmental	Operating Temperature	5°C-40°C
	Storage Temperature	-20 °C-55°C
	Operating Humidity	RH≤ 80% non-condensing
	Storage Humidity	RH≤ 93% non-condensing
Classification	Type of protection compatibility	Internally Powered Equipment Class BF
	Safety	IEC 60601-1 IEC 60601-1-2
Appearance	Dimension	62 x 34 x38 mm
	Weight	55g (Including 2 batteries)

Interference Resistance Capacity against Ambient Light

The deviation of Oxyhemoglobin values measured in different light is smaller than ±1%, making it suitable to operate in dark rooms.

Display Modes



Features

- ★ Large Digital LEDs display
- ★ Selectable Two directions display
- ★ Low battery capacity indication
- ★ Lightweight (55g with batteries)
- ★ Two AAA batteries for easy replacement
- ★ Can be worn around the neck for quick spot checking
- ★ Automatic power off after removing finger in 8 secs

Handheld Pulse Oximeter

Model: AH-MX



AH-MX with standard accessories



Features

- ★ Measure the signal index of pulse (SI)
- ★ Visual & sound alarms
- ★ Auto-Rotate screen
- ★ With medical grade AC/DC charger
- ★ High resolution 2.4" color display
- ★ Light and compact handheld design
- ★ Stores up to 99 IDs with 300 records each
- ★ Convenient 3 AA size alkaline or rechargeable Li-ion battery.

Technical Specification

Patient Range	Adult, Pediatrics and Neonate patients	
Display	2.4" color display 320 x 240 pixels	
Battery	Li-ion rechargeable battery or 3 AA Alkaline batteries (optional) Runtime: 14 hours for standard use	
Pulse Rate (PR)	Range	25 - 250 bpm
	Resolution	1 bpm
	Accuracy	± 2 bpm
	Refreshing rate	< 13 seconds
	Motion or perfusion	± 3 bpm or ± 2 % (select larger)
SpO2	Range	0 - 100%
	Resolution	1%
	Accuracy	70% to 100%: ±2 % 0% - 69% not defined
	Refreshing rate	< 13 seconds
	Pitch Tone	Yes
	Motion or perfusion	± 3 %
Alarm	Gives audible alarm, button tone and beep tone Supports Pitch Tone and multi-level volume Alarm tones meet the requirement of IEC 60601-1-8	
Data Storage	Display way	Trend tabular
	Trend interval	10 seconds to 30 minutes
	Trend parameter	PR, SpO2
	Trend data	Spot-checkmode: ID from 1 to 99, 300 records for each ID
Appearance	Dimension	123mm (H) x 58.5mm (W) x 28mm (D)
	Weight	< 200g

Safety Standard

CE classification: IIb
 Type of protection against electric shock: II,
 with internal power device
 Degree of protection against electric shock: BF
 Degree of protection against ingress of liquid: IPX1
 * Specifications are subject to change without notice.

SPO2 Probe Sensor

Silicone Soft-tip Type

- Soft and comfortable for continuous monitoring
- Accurate and quick SpO2 reading
- Durable and easy to clean
- Latex-free



Adult Type

- Steady and comfortable hold of the fingertip
- Accurate and reliable oxygen saturation reading
- Durable and easy to clean
- Latex-free



Pediatric Type

- Small size for pediatric use
- Accurate and reliable oxygen saturation reading
- Durable and easy to clean
- Latex-free



Neonate Type

- Keeps readings accurate while the child is in minor motion
- Holder can adjust for different size
- Durable and easy to clean
- Latex-free



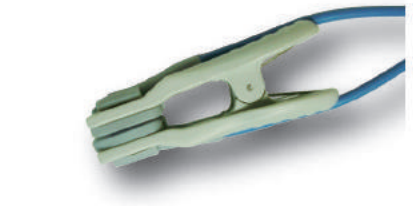
Disposable Type


- Sanitary consideration
- Can apply for wide range of finger sizes
- Uses medical grade transparent fabric material.
- Self-adhesive design
- Cost-effective



Ear Type

- Steady and comfortable hold of the ear lobe
- Accurate and quick SpO2 reading
- Durable and easy to clean
- Latex-free



Brand Compatibility	Type	Cable Length	
		1 meter	3 meter
Nellcor standard compatible  Plug type: DB7 pin Colin, Drager, Fukuda Dens Datascope (S&W)	Adult	ASANR-D1	ASANR-D3
	Soft-tip	ASSNR-D1	ASSNR-D3
	Pediatric	ASPNR-D1	ASPNR-D3
	Neonate	ASWNR-D1/ASYNR-D1	ASWNR-D3/ASYNR-D3
	Disposable	ASDNR-N3	--
Nellcor Oximax compatible  Plug type: DB9 pin	Adult	ASANR-F1	ASANR-F3
	Soft-tip	ASSNR-F1	ASSNR-F3
	Pediatric	ASPNR-F1	ASPNR-F3
	Neonate	ASWNR-F1/ASYNR-F1	ASWNR-F3/ASYNR-F3
	Ear Type	ASVNR-F1	ASVNR-F3
BCI compatible  Plug type: DB9 pin	Adult	ASABI-D1	ASABI-D3
	Soft-tip	ASSBI-D1	ASSBI-D3
	Pediatric	ASPBI-D1	ASPBI-D3
	Neonate	ASWBI-D1/ASYBI-D1	ASWBI-D3/ASYBI-D3
Philips compatible  Plug type: 8 pin	Adult	ASAPS-M1	ASAPS-M3
	Soft-tip	ASSPS-M1	ASSPS-M3
	Pediatric	ASPPS-M1	ASPPS-M3
	Neonate	ASWPS-M1/ASYPS-M1	ASWPS-M3/ASYPS-M3
Nonin compatible  Plug type: DB9 pin	Adult	ASANN-D1	ASANN-D3
	Soft-tip	ASSNN-D1	ASSNN-D3
	Pediatric	ASPNN-D1	ASPNN-D3
	Neonate	ASWNN-D1/ASYNN-D1	ASWNN-D3/ASYNN-D3
Novamatrix compatible  Plug type: 6 pin	Adult	ASANX-M1	ASANX-M3
	Soft-tip	ASSNX-M1	ASSNX-M3
	Pediatric	ASPNX-M1	ASPNX-M3
	Neonate	ASWNX-M1/ASYNX-M1	ASWNX-M3/ASYNX-M3
Ohmeda compatible  Plug type: 7 pin	Adult	ASAOA-M1	ASAOA-M3
	Soft-tip	ASSOA-M1	ASSOA-M3
	Pediatric	ASPOA-M1	ASPOA-M3
	Neonate	ASWOA-M1/ASYOA-M1	ASWOA-M3/ASYOA-M3



ASENR-01 (2.0 Meter)
 Nellcor Compatible Extension Cable

Transferred Adapter



ASENR-03
 Nellcor Standard ↔ Nellcor Oximax



COM-PAPII CPAP/APAP System

CPA Series



Features

- ★ Ramp function allows user to fall asleep more comfortably, gently increasing the pressure.
- ★ Simple user interface, easy for the end user to learn how to control the device.
- ★ Is capable of recording the treatment duration and the device working time
- ★ Two optional ways to draw user's attention to the encountered usage issue, such as leakage: with backlight and sound (could be used simultaneously).
- ★ The unit's compliance meter records the system's operating time for physician's reference.

Product Functions

Model	CPA-100	CPA-400	CPA-300	CPA-500
Ramp function	V	V	V	V
Data record	V	V	V	V
Clock and alarm	V	V	V	V
Heated Humidifier			V	V
Micro SD card w/ software(Optional)	V	V	V	V

Specifications

Model	CPA-100	CPA-400	CPA-300	CPA-500
Software Version	A102	A402	A302	A505
Operation Model	CPAP	Auto CPAP	CPAP	Auto CPAP
Unit Dimensions (L x W x H)	140mm x 140mm x 110mm		248mm x 176mm x 128mm	
Weight	910 g		1.5 kg	
Pressure Range	4-20cmH ₂ O (adjustable in 1cmH ₂ O increments)			
Pressure Accuracy	±0.5 cmH ₂ O			
Sound Pressure Level	< 30 dB (A)			
Supply Voltage	AC 100-240V, 47/63Hz, 60W			
Operation Range	Temperature: 5°C~ + 40°C Humidity:15% ~ 95% Non-condensing			
Transport and Storage Range	Temperature:-20°C~ + 70°C Humidity:10% ~ 90% Non-condensing			
Expiration Date	5 years			
Standard Compliance	IEC 60601-1 IEC 60601-1-2 ISO 80601-2-70			
IEC 60601-1 Classification	Class II Equipment Type BF Applied Part IP21-Drip-Proof, Vertical			



CPAP tubing



CPAP Mask



CPAP device Bag

CPAP Full-Face Mask



Full-face Type Model:
 RAP-401 (Small)
 RAP-402 (Medium)
 RAP-403 (Large)



Comfort

Multi-layered cushion technology helps to deliver tubing pressure even when body moves, and provide good attachment to human face.

Complementing Materials

Silicone mask body is autoclavable up to 135 degrees C.

Polycarbonate frame keeps the structure rigid and durable.

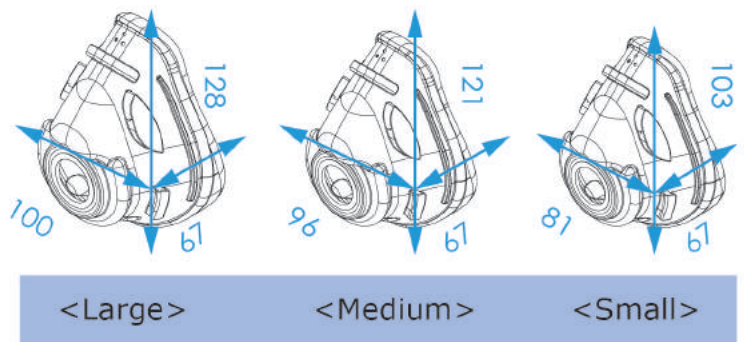
Functionality

Detachable AAV (Anti-Asphyxia) valve for BPAP use.

Tiny blowholes for quiet and smooth air flow.

Quick release buckles for daily wearing.

Simple assembly for easy parts' cleaning and replacement.



<Large> <Medium> <Small>

NIV Full-Face Mask

NIV

Full-face Type Model:
 RAP-421 (Small)
 RAP-422 (Medium)
 RAP-423 (Large)

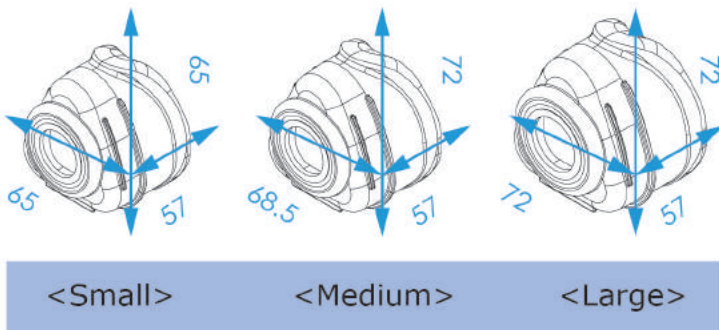


- Non-vented design
- The connector inner diameter 22mm
- Application for ventilator patient

CPAP Nasal Mask

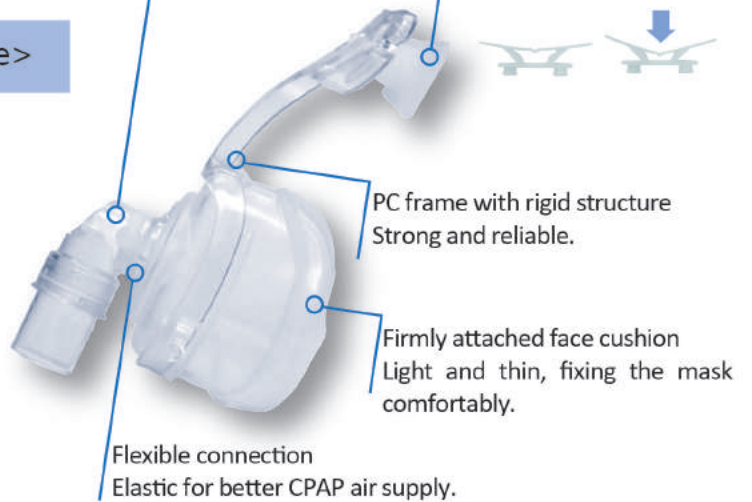


Nasal Type Model:
 RAP-301 (Small)
 RAP-302 (Medium)
 RAP-303 (Large)



Airstream blowholes
 Reduce the flow noise for
 quieter use.

Ladder-shaped forehead
 cushion
 Provides comfort and
 flexibility in order to fit
 different foreheads.



NIV Full-Face Mask with Forehead Pad



Model:
 RAP-441 (Small)
 RAP-442 (Medium)
 RAP-443 (Large)

Portable Suction Unit

Model: ASU-200



- Blue
- Pink
- Green

Features

- ★ Portable and simple to operate
- ★ Small size, light weight for carrying
- ★ High power performance with vacuum -80 kPa
- ★ Fully charged battery lasts for up to 60 minutes runtime
- ★ Power supply allows operation on AC 100V - 240V and DC 12V with Acare car charger
- ★ Suction container provide 800-1000 ml, depending on user's requirements.

Accessories:



Technical Specifications

Model	ASU-200
Power Consumption	35VA
Max Suction Pressure	-80Kpa (\approx -600 mmHg)
Exhaust Air Volume	24 L/min
Unit Dimensions (L x W x H)	190mm x 110mm x 175mm 140mm x 340mm x 210mm
Weight	1.7 Kg/2.0kg
Sound Pressure Level	< 70 dB (A)
Supply Voltage	AC 100-240V, 50/60Hz Acare car charger for DC12V
Battery Charge Time	3hr(s)
Battery Usage Time	1hr (during fully charged)
Battery	14.8V, 2.5Ah
Container	800ml/ 1000 ml
Operation &Storage Range	Operation Temperature: +10°C ~ +40°C Storage Temperature: -15°C ~ +50°C Humidity: 10% ~ 90% Non-condensing
Standard Compliance	IEC 60601-1 IEC 60601-1-2 ISO 10079-1
IEC 60601-1 Classification	Class I Equipment Type BF Applied Part IP21
Standard Accessories	Suction container, connection tube, power adapter and carrying bag
Optional Accessories	Car charger, Handy Controller (on/off) and battery



Oxygen Regulator

VSY series --- Piston Type Structure



Oxygen Regulator for Vehicle Use

Inlet Connection



Features

- Output pressure is fixed at 50 psi.
- Utilizes crack-resistant flow tube made of polycarbonate and accurate gauge.
- Can be used with various types of O₂ cylinder, having high quality and low repair rate.
- With GMP, ISO 13485 & CE certificates.

Specifications

Material: Pure brass body with chrome coating.
 Output Pressure: 50 psi fixed
 The flow output accuracy is within $\pm 10\%$ which meets medical standard.
 Flow Rate: 0~15 lpm
 Choose between side and top entry.
 Various types of inlet connection can be selected.
 Accessories: humidifier, cannula & flowmeter connector

Oxygen Regulator

VSW series --- Diaphragm Type Structure



VSW-003
Japanese Inlet



VSW-009
Japanese Inlet
360° DISS connection for ventilator use



VSW-013
Japanese Handtight Wheel



VSW-105
CGA540 Inlet



VSW-405
DIN477 Inlet



VSW-221
CGA992 Inlet



VSW-231
CGA992 Inlet



VSW-232
CGA992 Handtight Wheel



VSW-305
CGA870 Inlet



VSW-307
Rotary CGA870 Inlet

Features

- Utilizes crack-resistant flow tube made of polycarbonate and accurate gauge.
- Can be used with various types of O2 cylinder, providing high quality and low repair rate.
- With GMP, ISO 13485 & CE certificates.

Specifications

Material: Pure brass body with chrome coating.

Output Pressure: 30~80 psi

The flow output accuracy is within $\pm 10\%$ which meets medical standard.

Flow Rate: 0~15 lpm

Choose between side and top entry.

Various types of inlet connection can be selected.

Accessories: humidifier, cannula & flowmeter connector

Oxygen Regulator

VSC series --- Two Gauge Type



VSC-102
CGA540 Inlet



VSC-208
CGA992 Handtight Wheel



VSC-302
CGA870 Inlet



VSC-304
Rotary CGA870 York

VSC series --- Central Type Use



VSC-204
CG992 Inlet
Handtight Wheel



VSC-213
CG992 Inlet
Handtight Wheel/Schrader Valve

Special model designed for Anesthesia Machine Use



VSC-104
CGA540 Inlet

Features

- Circle gauge flowmeter to read the flow value easier.
- Can be used with various types of O2 cylinder, proving high quality and low repair rate.
- With GMP, ISO 13485 and CE certificates.

Specifications

Material: Pure brass body with chrome coating.

Output Pressure: 30~80 psi

Output pressure rate depends on the flow coating.

The flow output accuracy is within $\pm 10\%$ which meets medical standard.

Flow Rate: 0~15 lpm

Various types of inlet connection can be selected.

Accessories: humidifier & cannula

Oxygen Gauge (2 inch):



Pressure Gauge (MPa)



UL Certified Pressure Gauge (PSI)



Pressure Gauge (kPa)



Pressure Gauge (Kg/PSI)



Pressure Gauge (BAR)



Flow Gauge (LPM)



Flow Gauge (LPM)



UL Certified Pressure Gauge (PSI)
(For click type oxygen regulator use, 1.5 inch)



Pressure Gauge (kPa)

Vacuum Gauge (2 inch):



Vacuum Gauge (0-760 mmHg)



Vacuum Gauge (0-400 mmHg)



Vacuum Gauge (kPa/0-760 mmHg)



Vacuum Gauge (mbar/0-1000 hPa)

Accessories:



AH-01
● Reusable



AH-02
● Reusable



AH-03
● Reusable



AH-04
● Disposable



AH-05
● Reusable



AH-06
● Reusable

Oxygen Bridge:

CGA540 Connection



Rotary CGA870 York



Valve Wrench



Cannula



Flowmeter Connector

Oxygen Regulator

VST series --- Click Style Oxygen Regulator

Three Body Sizes:

Mini Size--



VST-AM2
CGA870 Body

Regular Size--



VST-359
CGA870 Body

Long Size--



VST-308
CGA870 Body

Barb outlet

Cannula

N2O Regulator



Regular size/ CGA870 Body
Schrader valve



Entonox Regulator



Regular size/ CGA870 Body
Schrader valve



Features

- With built-in flowmeter.
- Output pressure is fixed at 50 psi.
- With UL certified gauge.
- Can be used with for various types of O₂ cylinder, having high quality and low repair rate.
- With GMP, ISO 13485 & CE certificates.

Body Sizes	(cm)
Long Size	15.5 cm
Regular Size	13 cm
Mini Size	7.5 cm

Specifications

Material: Internal brass parts, and aluminum surface.

Output Pressure: 50 psi fixed

The flow output accuracy meets medical standard.

Flow Rate: 0-4 lpm

0~8 lpm











0~15 lpm

0~25 lpm

Various types of inlet connection can be selected.

Accessories: humidifier & cannula

VST series --- Model & Specification

Inlet Connection & Flow		Flow	Mini Size	Regular Size	Long Size
	CGA540	0-8 lpm	VST-107	VST-104	VST-101
		0-15 lpm	VST-108	VST-105	VST-102
		0-25 lpm	VST-109	VST-106	VST-103
	CGA870 Body	0-8 lpm	VST-301	VST-304	VST-307
		0-15 lpm	VST-AM2	VST-305	VST-308
		0-25 lpm	VST-303	VST-306	VST-309
	CGA870 York	0-8 lpm	VST-320	VST-323	VST-325
		0-15 lpm	VST-321	VST-311	VST-326
		0-25 lpm	VST-322	VST-324	VST-327
	Rotary CGA870 York	0-8 lpm	VST-328	VST-330	VST-333
		0-15 lpm	VST-316	VST-331	VST-334
		0-25 lpm	VST-329	VST-332	VST-335
	CGA992	0-8 lpm	VST-207	VST-204	VST-201
		0-15 lpm	VST-208	VST-205	VST-202
		0-25 lpm	VST-209	VST-206	VST-203
	CGA992 (Hand-tight Wheel)	0-8 lpm	VST-214	VST-216	VST-218
		0-15 lpm	VST-211	VST-210	VST-219
		0-25 lpm	VST-215	VST-217	VST-220
	DIN477	0-8 lpm	VST-407	VST-404	VST-401
		0-15 lpm	VST-408	VST-405	VST-402
		0-25 lpm	VST-409	VST-406	VST-403
	DIN477 (Hand-tight Wheel)	0-8 lpm	VST-428	VST-431	--
		0-15 lpm	VST-429	VST-432	--
		0-25 lpm	VST-430	VST-433	--
	Japanese Inlet	0-8 lpm	VST-008	VST-005	VST-001
		0-15 lpm	VST-009	VST-006	VST-002
		0-25 lpm	VST-010	VST-007	VST-003
	Japanese Inlet (Hand-tight Wheel)	0-8 lpm	VST-023	VST-025	VST-027
		0-15 lpm	VST-011	VST-013	VST-028
		0-25 lpm	VST-024	VST-026	VST-029

※ DISS connector could be used to attach humidifier & cannula



VST-311
Regular Size
CGA870 York



VST-408
Mini Size
DIN477 Inlet



Oxygen Regulator

VST-All Brass series -- Click Style Oxygen Regulator

For high output pressure & high flow use.

VST-359
Regular size, CGA870 Body
0~25 lpm, Three outlets

DIN coupling

Kawasaki coupling

Schrader valve

Ohmeda coupling

SIS coupling

Features

- With built-in flow meter.
- Output pressure is fixed at 50 psi.
- With UL certified gauge.
- Can be used with various types of O2 cylinder, providing high quality and low repair rate.
- With GMP, ISO 13485 & CE certificates.

Specifications

Material: Pure brass body with chrome.
 Output Pressure: 50 psi fixed
 The flow output accuracy meets medical standard.
 Flow Rate: 0~8 lpm
 0~15 lpm
 0~25 lpm
 Various types of inlet connection can be selected.
 Accessories: humidifier & cannula

Single Outlet:

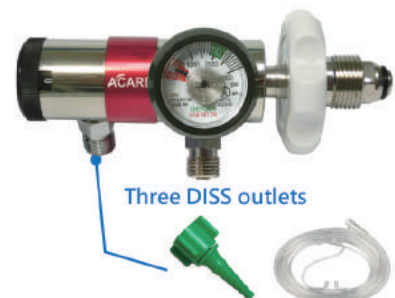


VST-313
Mini size/ CGA870 Body



VST-317
Regular size/ CGA870 Body

Three Outlets:



VST-233
Flow Rate: 0~25 lpm
Regular size, CGA992
(Hand-tight Wheel)









Valve Integrated Pressure Regulators



VST-H11

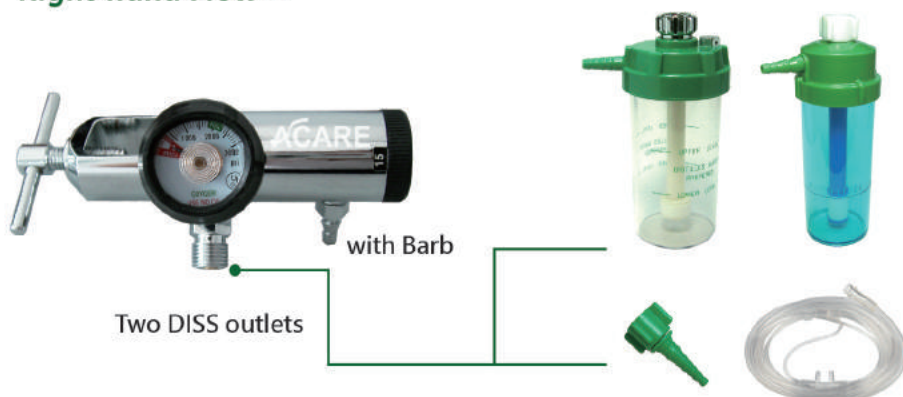
- Aluminum Cylinder: 750-16UNF2A
- 15LPM for barb port
- CGA 540 inlet thread

VST-All Brass series --- Model & Specification

Inlet Connection & Flow			Mini Size (7.5cm)		Regular Size (13cm)	
			Single Outlet		Single Outlet	3 Outlets
	CGA540	0-8 lpm	VST-110	VST-113	VST-116	
		0-15 lpm	VST-111	VST-114	VST-117	
		0-25 lpm	VST-112	VST-115	VST-118	
	CGA870 Body	0-8 lpm	VST-336	VST-339	VST-338	
		0-15 lpm	VST-313	VST-317	VST-314	
		0-25 lpm	VST-337	VST-340	VST-312	
	CGA870 York	0-8 lpm	VST-350	VST-353	VST-356	
		0-15 lpm	VST-351	VST-354	VST-357	
		0-25 lpm	VST-352	VST-355	VST-358	
	Rotary CGA870 York	0-8 lpm	VST-341	VST-344	VST-347	
		0-15 lpm	VST-342	VST-345	VST-348	
		0-25 lpm	VST-343	VST-346	VST-349	
	CGA992	0-8 lpm	VST-221	VST-224	VST-227	
		0-15 lpm	VST-222	VST-225	VST-228	
		0-25 lpm	VST-223	VST-226	VST-229	
	CGA992 (Hand-tight Wheel)	0-8 lpm	VST-234	VST-230	VST-232	
		0-15 lpm	VST-235	VST-212	VST-213	
		0-25 lpm	VST-236	VST-231	VST-233	
	DIN477	0-8 lpm	VST-411	VST-414	VST-417	
		0-15 lpm	VST-412	VST-415	VST-410	
		0-25 lpm	VST-413	VST-416	VST-418	
	DIN477 (Hand-tight Wheel)	0-8 lpm	--	VST-425	VST-427	
		0-15 lpm	--	VST-423	VST-422	
		0-25 lpm	--	VST-426	--	
	Japanese Inlet	0-8 lpm	VST-021	VST-016	VST-019	
		0-15 lpm	VST-014	VST-017	VST-020	
		0-25 lpm	VST-015	VST-018	VST-012	
	Japanese Inlet (Hand-tight Wheel)	0-8 lpm	VST-030	VST-032	VST-035	
		0-15 lpm	VST-017	VST-033	VST-036	
		0-25 lpm	VST-031	VST-034	VST-037	

※ DISS connector could be used to attach humidifier & cannula

Right-hand Flow --



Medical Flowmeter

Constant Type Flowmeter



FA-OB-03



FA-AB-03



FA-OB-27
CE mark flowmeter
MK IV inlet adapter



FA-OB-91
AFNOR inlet adapter



FA-OT-01
Twin Flowmeter



FA-OB-13
Ohmeda inlet adapter

Inlet Adapter:



- Ohmeda
- Ohio
- Diamond



- JIS



- AFNOR



- Puritan-Bennett



- DISS



- DIN



- BS



- UNI



- CIG



- Oxequip



- Chemetron



- NIV



FA-OS-42
CIG inlet adapter

AH-02
Humidifier

Features

- Use crack-resistant tube made of polycarbonate, pure brass flowmeter body with chrome coating.
- Each unit goes through the inlet pressure 50 psi standard test before shipment.
- The flow output accuracy is within $\pm 10\%$ which meets medical standard.
- Flow rate remains accurate when the inlet pressure changes.
- Flow Rate: 0~15 lpm
- Various types of inlet adapter can be selected.

Medical Flowmeter

Slim Type & Dial Type Flowmeter



FA-OS-02



FA-AS-02



FA-OS-08
Neonate Use:
0 ~1 LPM



FA-OS-23
MK IV inlet adapter



FA-OS-24
MK IV inlet adapter
Neonate Use:
0 ~3.5 LPM



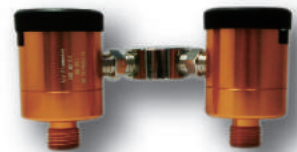
FA-OM-01
Twin Flowmeter



FA-OD-02
(Oxygen)



FA-AD-02
(Air)



FA-TA-02(Air)



FA-TD-02(Oxygen)

Accessories:



AH-01

- Reusable
- Stainless steel connection
- With safety valve



AH-02

- Reusable
- Brass connection
- With safety valve



AH-03

- Reusable
- Plastic connection
- Without safety valve



AH-04

- Disposable
- Plastic connection
- With safety valve



AH-05

- Reusable
- Aluminum connection
- With safety valve



AH-06

- Reusable
- Aluminum connection



Cannula



Flowmeter Connector

Suction Regulator

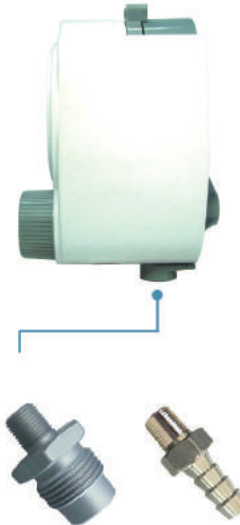
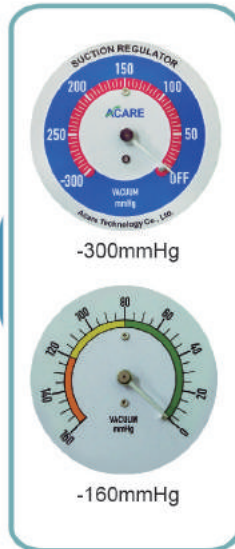
American Type Suction Regulator

Inlet Adapter

-  • Ohmeda
-  • Ohio
-  • Chemetron
-  • AFNOR
-  • DIN
-  • DISS
-  • JIS
-  • BS
-  • CIG
-  • Oxequip
-  • NIV



VRA-701 (-760mmHg)



Vacuum Outlet -- can connect with various types of outlet adapter, and customized for your special requirement.

Model & Specification

	-760mmHg	-300mmHg	-160mmHg
w/o adapter	VRA-701	VRA-301	VRA-101
w/ Ohmeda	VRA-711	VRA-311	VRA-111
w/ BS	VRA-721	VRA-321	VRA-121
w/ PB	VRA-731	VRA-331	VRA-131
w/ AFNOR	VRA-741	VRA-341	VRA-141
w/ JIS	VRA-751	VRA-351	VRA-151
w/ DISS	VRA-761	VRA-361	VRA-161
w/ DIN	VRA-771	VRA-371	VRA-171
w/ barb adapter	VRA-781	VRA-381	VRA-181
w/ Chemetron	VRA-791	VRA-391	VRA-191
w/ CIG	VRA-7A1	VRA-3A1	VRA-1A1
w/ Oxequip	VRA-7B1	VRA-3B1	VRA-1B1

Suction Bottle



AC-SJ12
Reusable 1200c.c.



AC-SJ20
Reusable 2000c.c.

Features

- The gauge is located inside the regulator body.
- Accurate suction control within $\pm 10\%$.
- Quick switch between modes: Reg/Off/Full vacuum.
- Clear Analog Display of the 2 1/2" pressure gauge.
- Constant vacuum control.
- Nice outlook should read nice face.
- Large control knob for easy setting.
- Comes with a variety of inlet adapters.

Safety Trap



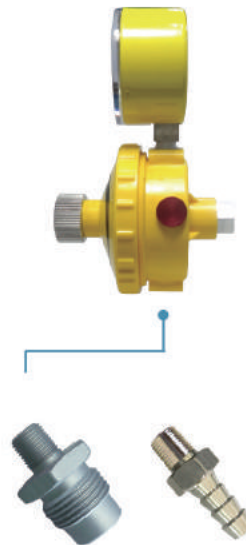
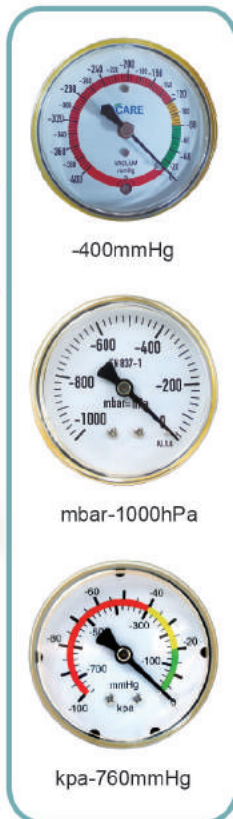
AC-ST1 AC-ST2 AC-ST4

Suction Regulator

French Type Suction Regulator



VRF-701 (-760mmHg)



Vacuum Outlet -- can connect with various types of outlet adapter, and customized for your special requirement.

Inlet Adapter

- Ohmeda
- Ohio
- Chemetron
- AFNOR
- DIN
- DISS
- JIS
- BS
- CIG
- Oxequip
- NIV



AC-SJ18
Disposable 1800c.c.



AC-SJ30
Disposable 3000c.c.

Model & Specification

	0-760mmHg	0-400mmHg
w/o adapter	VRF-701	VRF-401
w/ Ohmeda	VRF-711	VRF-411
w/ BS	VRF-721	VRF-421
w/ PB	VRF-731	VRF-431
w/ AFNOR	VRF-741	VRF-441
w/ JIS	VRF-751	VRF-451
w/ DISS	VRF-761	VRF-461
w/ DIN	VRF-771	VRF-471
w/ barb adapter	VRF-781	VRF-481
w/ Chemetron	VRF-791	VRF-491
w/ CIG	VRF-7A1	VRF-4A1
w/ Oxequip	VRF-7B1	VRF-4B1

Features

- The gauge is located inside the regulator body.
- Accurate suction control within $\pm 10\%$.
- Quick switch for On/Off vacuum.
- Clear Analog Display of the 2 1/2" pressure gauge.
- Simplified internal mechanical design for easy maintenance and cleaning.
- Nice outlook should read nice face.
- Large control knob for easy setting.
- Comes with a variety of inlet adapters.



AC-ST5 AC-ST6

Suction Regulator

Venturi Type Suction Regulator



VRV-701
(-760mmHg)



Acare Technology is proud to announce the addition of the Acare Technology suction regulator to our portfolio of vacuum regulators, with its unique design, it can be used with alternative vacuum sources, either air or oxygen. The venturi suction unit can be used in all hospital applications, from patient transport to general purpose room suction. The Venturi suction regulator has a very user friendly knob that can regulate the vacuum from 0-760 mm/hg, it provides vacuum for discharge, vomit and low vacuum for key parts of the lower body cavity.

Inlet Adapter



- Ohmeda
- Chemetron
- AFNOR
- DIN
- DISS
- JIS
- BS
- CIG
- Oxequip
- NIV
- Ohio

Features

- The gauge is located inside the regulator body.
- Accurate suction control within $\pm 10\%$.
- Easy adjustment of vacuum pressure
- Clear Analog Display of the 2 1/2" pressure gauge.
- Simplified internal mechanical design for easy maintenance and cleaning.
- Nice outlook should read nice face.
- Large control knob for easy setting.
- Suction trap prevents contamination caused by overflow
- Comes with a variety of inlet adapters.

Model & Specification

	0-760mmHg
w/o adapter	VRV-701
w/ Ohmeda	VRV-711
w/ BS	VRV-721
w/ PB	VRV-731
w/ AFNOR	VRV-741
w/ JIS	VRV-751
w/ DISS	VRV-761
w/ DIN	VRV-771
w/ barb adapter	VRV-781
w/ Chemetron	VRV-791
w/ CIG	VRV-7A1
w/ Oxequip	VRV-7B1

Safety Trap



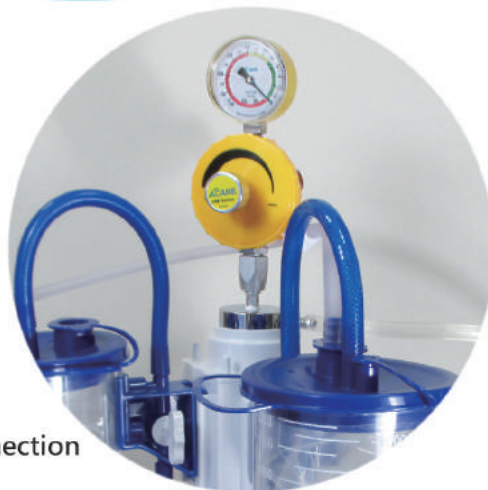
Suction Regulator

Suction Trolley System

① Suction Regulator



② Safety Trap



Safety Trap Connection

- 1/8" Male NPT
- DISS
- Locking Gland



④ Reusable Suction Bottle & Disposable Liner



Model	AC-SJ22	AC-SJ23	AC-SJ21	AC-SJ24
Capacity(ml)	1000 ml	1500 ml	2000 ml	3000 ml
Disposable Liners	RAB-702	RAB-703	RAB-701	RAB-704



THREE IN ONE

Demand Valve Resuscitation Set



Features

- Durable anodized aluminum body.
- Demand Valve provides a resuscitation flow rate of 40 LPM and a Manual flow rate up to 160 LPM.
- Allows both hands to remain on the mask when disabling the Manual Ventilation with a Button.

1. Suction :

- Connection : DISS
- Supply Pressure : 50 PSI
- Free airflow: 30L/min

2. Oxygen supply :

- Inlet Connection: CGA870 yoke
(Various types of inlet connection available)
- Output Pressure: 50 PSI
- Flow rate: 0-25 LPM

3. Oxygen Demand valve :

- Gas inlet connection : DISS
- Gas outlet : 22mm*15mm
- Pressure : 40~60PSIG
- Flow rate : Provides 40LPM Manual Flow Rate and up to 160 LPM flow rate on Demand by the patient.
- Pressure Relief Valve: 60cm H₂O

High-pressure Hose



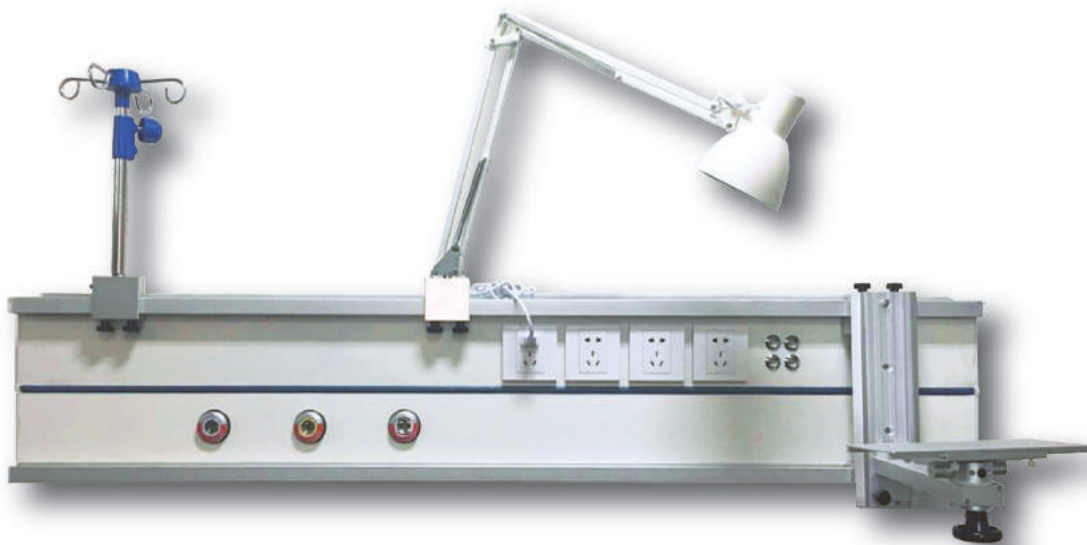
Entonox Demand valve

- Click type regulator x 1
(Output pressure 60 psi, Inlet pressure around 2900 psi, without flow adjust knob)
- Entonox Demand valve x 1
- 3 meter Hose tube x 1
- Reusable 135°C silicone mask (adult) x 1



(Entonox)

Bed Head Unit (Hospital Panel)



Features

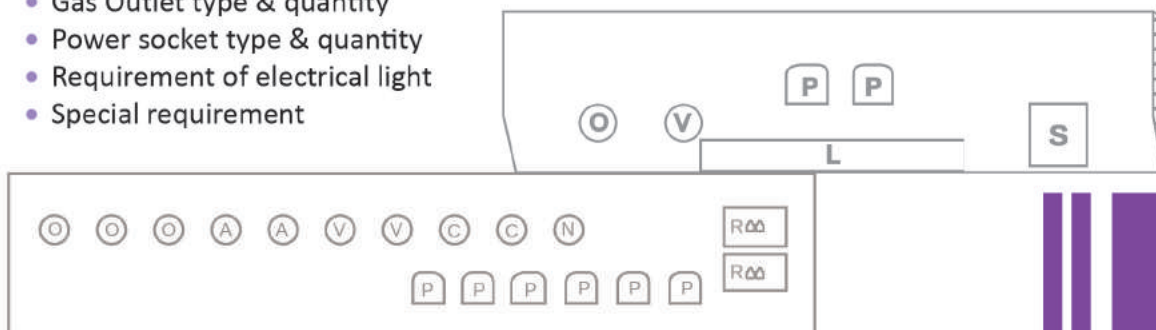
- Modular design.
- Can be equipped with O2, Air, Vacuum, N2O gas outlets.
- Colorful front plate could be designed.
- Includes large light switch.
- Panel built with strong metal frames.
- Easy installation of various types gas outlet.
- With several electricity power sockets for connecting medical equipments.
- Can be customized to meet your requirements.



Bed Head Unit Customization

We are capable of customizing Bed Head Unit with technical specification provided.

- Bed Head Unit Length
- Gas Outlet type & quantity
- Power socket type & quantity
- Requirement of electrical light
- Special requirement



Medical Gas Outlet

Ohmeda, DIN, JIS, BS styles

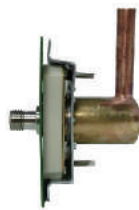
DISS style



MG-DS-10
O2



MG-DS-12
O2



Side View



thread type



barb type

AFNOR style



MG-AF-10
O2

Chemetron style



MG-CT-11
O2



MG-CT-10
O2



Side View

DIN style



MG-DN-10
O2



Domed cover



O₂



VAC



N₂O



AIR

Ohmeda style



MG-OA-14
O2



MG-OA-13
O2



Side View

JIS style



MG-JP-10
O2



Domed cover



O₂



VAC



N₂O



AIR

BS style



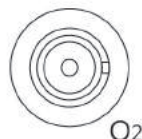
MG-BS-13
O2



MG-BS-10
O2



Domed cover



O₂



N₂O



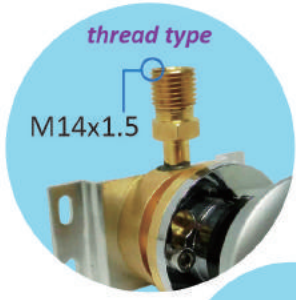
AIR



VAC

Features

- All types of gas outlet could be repaired under gas supply.
- Large color-coded front plate for easy gas identification and aesthetic appeal.
- The main material is pure brass, it is durable for long term use.



Inlet Connection

Inlet connection specifications can be customized.

Screw Plate(Optional)

Can add screw plate to meet your installation requirement.

Inlet Tube

Pure brass material to avoid oxidation. For long term use and less maintenance efforts. Tube diameter can be customized.

- Ø 8mm
- Ø 10mm
- Ø 12mm

Aluminum Cover

Use aluminum material for cover body. Strong in using and easy for cleaning

Color Code Ring

ISO 32 color standard is applied to identify different gases. The color code ring is made by mold injection instead of traditional label sticker for durable use.



Valve Body

Valve Body is built with pure brass material to avoid oxidation, it is durable for long term use. Special structure design allows repairing under gas supply

Two-step Pull-Out Security Design

Our gas outlet is has two-step pull-out design. The adapter will be ejected on the second time, to protect the user from pulling out adapter accidentally.



Medical Gas Adapters



- Ohmeda
- Ohio
- Diamond
- JIS
- AFNOR
- CIG
- Puritan Bennett
- DISS
- Chemetron



- BS
- Oxequip
- UNI
- DIN
- ENV

Coupling Adapters



- BS
- 1/8" male NPT
- 1/8" female NPT
- 1/4" male NPT



- JIS
- 1/8" male NPT
- 1/8" female NPT
- 1/4" male NPT



- Ohmeda
- 1/8" male NPT



- DIN
- 1/8" male NPT



- AFNOR
- 1/8" male NPT



- SIS
- 1/8" male NPT

Twin Coupling Valve



- BS





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