

yuwell

KEEPING FAMILIES HEALTHY

MEDICAL DEVICE PRODUCT BROCHURE



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BREATHCARE
PAP SERIES

RESPIRATORY



NEW BREATHCARE III AUTO CPAP

NEW



Professional Care

Intelligent algorithm

Optimized therapy algorithm with additional respiratory-events monitoring guarantees a more comprehensive and comfortable treatment experience.

Ultra-quiet

The newly developed blower and airway design enable ultra-quiet operation of the BreathCare III.

Mask-fit test

A simple mask fitting test before sleep ensures the optimal fit, providing patients with greater confidence as they fall asleep.

Ergonomic interaction

Convenient touch screen

The complex operations of the CPAP device have been simplified into easy-to-use touch controls, the large and responsive screen makes settings easier than ever.

Auto-all

Automized settings including auto-ramp, auto-humidity, auto-heated tube, auto-light, smart start/stop, altitude compensation and leak compensation, allowing the patients to receive treatment with minimum confusion and improved compliance.

Wireless data system

A seamless cloud-based system enables all patient care network participants to find their most suitable portal to therapy data, with convenient functionality.

YUWELL BREATHCARE PAP / PRODUCT PARAMETERS

Specification	BreathCare III	
Model	YH-680	YH-920/YH-925/YH-930
Picture		
Color	White/Black	
Certification	CE	CE
Mode	CPAP, Auto CPAP	CPAP S. T. ST. VGPS
Pressure	4-20cmHO ₂	4-20cmHO ₂
Noise	27dBA±2dBA	28dBA±2dBA
Screen	3.5-inch	4.3-inch
Efficient Humidifier	•	•
FPS-Tech	•	•
Auto-all	•	•
Central Apnea Detection	•	•
Leak Reminder	•	•
Data Management	•	•
Wireless Transfer	•	•
Cloud Platform	•	•
G.W./N.W.	3.7/2.4kg	3.6/2.4kg
Packing	1SET/CTN 41×31×18cm	1SET/CTN 40×27×17.5cm

INFORMATION INTERCONNECTION



INTELLIGENT DATA MANAGEMENT

Managing therapy data through multiple platforms, seamlessly monitor the treatment process on your mobile phone, office computer or simply a web browser. Meeting various demands of different roles in the patient care network.



WIRELESS TRANSFER

Comprehensive and professional respiratory therapy analysis system based on security-assured cloud server for patient management. Optional WiFi module or 4G Cellular module are required for this function. Currently available on BreathCare II, BreathCare Eco and BreathCare III.



User-friendly sleep quality assessment with essential parameters. Unique QR code will be generated after each therapy and can be easily interpreted by scanning with Yuwell mobile app BreathCare+. Currently available on YH-360/YH-560 and YH-450/YH-480.



Traditional and reliable data transfer method. Stored data can be interpreted with Yuwell computer software BreathCare Station and automatically generate comprehensive report. Available on all type of products.

YUWELL BREATHCARE WEB SYSTEM

It is a seamless, securely-hosted and cloud-based system for managing patients with sleep-disordered breathing. You can monitor your patients device remotely without leaving your desk. The system makes it easier to simplify the workflow and to collaborate more efficiently across the patient care network. Yuwell BreathCare Web System can now be associated with BreathCare II, BreathCare Eco and BreathCare III.



BREATHCARE CPAP / AUTO CPAP



Stable and Reliable Quality

- High Performance Motor

Silent DC brushless motor, 0.2 seconds quick response, and 20000 hours of service life.

- No-Spoiler Air Duct Design

Accurately monitors the air flow signals and reduces noise at the same time.

- Patented Micro Airflow Laminar Flow Tube

Equipped with the world's advanced pressure and flow sensors. Accurately collects pressure & flow signal changes. Real-time control.

User-Friendly Design

- Convenient Button Operation

A simple combination of two buttons for all operations.

- Clear Treatment Information

One step to get all therapy information clearly on a 2.7 inch screen.

- Brand New Design Humidification Tank

Optimized humidification tank designed to better prevent water backflow.

- Yuwel Patient Management System

It is a seamless, securely-hosted and cloud-based system for managing patients with sleep-disordered breathing.

YUWELL BREATHCARE PAP / PRODUCT PARAMETERS

Specification	BreathCare Eco	
Model	YH-350	YH-550
Picture		
Color	White	
Certification	CE	CE
Mode	CPAP	CPAP, Auto CPAP
Pressure	4-20cmHO ₂	4-20cmHO ₂
Noise	28dBA±2dBA	28dBA±2dBA
Efficient Humidifier	•	•
Smart Start/Stop	•	•
Central Apnea Detection	•	•
FPS-Tech	•	•
Leak Reminder	•	•
Altitude Adjustment	•	•
Leak Compensation	•	•
Data Management	•	•
Wireless Transfer	•	•
Cloud Platform	•	•
G.W./N.W.	2.9/1.5kg	
Packing	1SET/CTN 41.5×30×16cm	

BREATHCARE II AUTO CPAP / BI-PAP



NEW AIRWAY / ENJOY BREATHING



◦ New Airway Design

A new airway design that complies with fluid mechanics to improve air duct performance. It increases the flow rate of the whole device by 20% and reduces the impedance by 10%, ensuring the user more air inhaled and an easier process to exhale, thus improving the comfort level.



◦ Magnetic Field Orientation Control System

Magnetic Field Orientation Control System The upgraded motor drive control system allows no-break speed shifting, quickly responds to the inhale pressure, and enables real-time air leakage compensation.



◦ Acoustic Noise Reduction Design

The sound and audio adjustment technology is used to adjust the high frequency noise to the sound frequency that is inaudible to the human ear. At the same time, the motor is wrapped around the shock absorber structure, enabling multiple acoustic materials to absorb the vibration to further reduce the noise.

YUWELL BREATHCARE PAP / PRODUCT PARAMETERS

Specification	BreathCare II		
Picture			
Color	White	Black	White
Model	YH-450	YH-480	YH-830
Certification	CE	CE	CE
Mode	CPAP Auto CPAP	CPAP Auto CPAP	CPAP, S, T, ST, VGPS
Pressure	4-20cmH ₂ O	4-20cmH ₂ O	4-30cmH ₂ O
Noise	28dBA±2dBA	28dBA±2dBA	28dBA±2dBA
Efficient Humidifier	•	•	•
Smart Humidification	•	•	•
Smart Start/Stop	•	•	
FPS-Tech	•	•	
Central Apnea Detection	•	•	•
Leak Reminder	•	•	•
High Pressure Reminder			•
Asphyxiation Reminder			•
Trigger Adjustment			•
Cycle Adjustment			•
Slope Adjustment			•
Tidal Volume Adjustment			•
Data Management	•	•	•
Wireless Transfer	•	•	•
Cloud Platform	•	•	•
G.W./N.W.		3.6/2.4kg	
Packing	1SET/CTN 40x27x17.5cm		

YUWELL BREATHWEAR MASK SERIES



Fit Comfort Convenience Light & Soft



• Rebound Silicone Cushion

The mask is made of rebound silicone cushion, which is airtight, light and soft. It is designed to reduce facial pressure to make it fit and comfortable.



• Adaptive Silicone Cushion

The silicone cushion has an adaptive design at the nose bridge, which can be automatically adjusted according to different face shapes, so as to better relieve the pressure on the high nose and improve user experience.



• Quiet Vent-Hole

Honeycomb design to reduce airflow erosion intensity. Gentle and quiet.



• Quick-Release Connector

Using a quick release connector to easily separate or connect the mask and the device.



• Soft and Light Headgear

Selected soft skin-friendly fabrics, light and stable, help patients adapt to the treatment comfortably.



TECHNICAL SPECIFICATIONS				
Picture				
Model	YF-01	YN-02	YF-03	YN-01
Certification	CE&FDA	CE&FDA	CE&FDA	CE&FDA
Type	Full Face Mask	Nasal Mask	Full Face Mask	Nasal Mask
Therapy Pressure Range	4-30 cmH ₂ O	4-30 cmH ₂ O	4-30 cmH ₂ O	4-30 cmH ₂ O
Size	S/M/L/XL	S/M/L	S/M/L	S/M/L
Tube Connection	φ22mm	φ22mm	φ22mm	φ22mm
Flow Resistance(At 50 L/min)	≤0.5cmH ₂ O	≤0.5cmH ₂ O	≤0.5cmH ₂ O	≤0.5cmH ₂ O
Flow Resistance(At 100 L/min)	≤1.5cmH ₂ O	≤1.5cmH ₂ O	≤1.5cmH ₂ O	≤1.5cmH ₂ O
Expiratory Resistance with Anti Asphyxia Valve Open (At 50 L/min)	≤2.0cmH ₂ O/(L/S)	--	≤2.0cmH ₂ O/(L/S)	--
Inspiratory Resistance with Anti Asphyxia Valve Open (At 50 L/min)	≤2.0cmH ₂ O/(L/S)	--	≤2.0cmH ₂ O/(L/S)	--
Anti Asphyxia Valve Open Pressure	≤2.0cmH ₂ O/(L/S)	--	≤2.0cmH ₂ O/(L/S)	--
Anti Asphyxia Valve Closed Pressure	≤2.0cmH ₂ O/(L/S)	--	≤2.0cmH ₂ O/(L/S)	--
G.W./N.W.	147/106g	90/60g	139/103g	101/63g
Packing	10PCS/CTN 35×28×28cm	10PCS/CTN 35×24×24cm	10PCS/CTN 35×28×28cm	10PCS/CTN 35×24×24cm

TECHNICAL SPECIFICATIONS				
Picture				
Model	YF-02	YN-03	YP-01	YF-02
Certification	CE&FDA	CE&FDA	CE&FDA	CE&FDA
Type	Full Face Mask	Nasal Mask	Pillow Mask	Full Face Mask
Therapy Pressure Range	4-30 cmH ₂ O	4-30 cmH ₂ O	4-20 cmH ₂ O	4-30 cmH ₂ O
Size	S/M/L/XL	S/M/L	S/M/L	S/M/L/XL
Tube Connection	φ22mm	φ22mm	φ22mm	φ22mm
Flow Resistance(At 50 L/min)	≤0.5cmH ₂ O	≤0.5cmH ₂ O	≤0.5cmH ₂ O	≤0.5cmH ₂ O
Flow Resistance(At 100 L/min)	≤1.5cmH ₂ O	≤1.5cmH ₂ O	≤1.5cmH ₂ O	≤1.5cmH ₂ O
Expiratory Resistance with Anti Asphyxia Valve Open (At 50 L/min)	≤2.0cmH ₂ O/(L/S)	--	--	≤2.0cmH ₂ O/(L/S)
Inspiratory Resistance with Anti Asphyxia Valve Open (At 50 L/min)	≤2.0cmH ₂ O/(L/S)	--	--	≤2.0cmH ₂ O/(L/S)
Anti Asphyxia Valve Open Pressure	≤2.0cmH ₂ O/(L/S)	--	--	≤2.0cmH ₂ O/(L/S)
Anti Asphyxia Valve Closed Pressure	≤2.0cmH ₂ O/(L/S)	--	--	≤2.0cmH ₂ O/(L/S)
G.W./N.W.	148/107g	129/99g	268/81g	148/107g
Packing	10PCS/CTN 35×28×28cm	10PCS/CTN 35×28×28cm	10PCS/CTN 34×22×24.5cm	10PCS/CTN 35×28×28cm

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OXYGEN
CONCENTRATORS

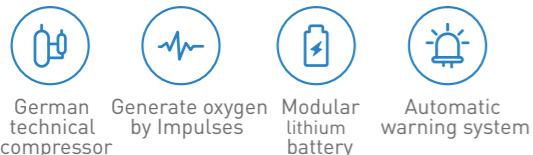
RESPIRATORY



PORTABLE OXYGEN CONCENTRATOR

SPIRIT -3
SPIRIT -6

SPIRIT-3

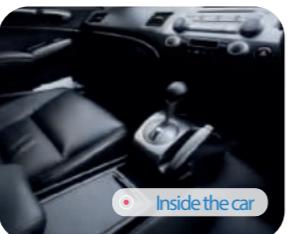
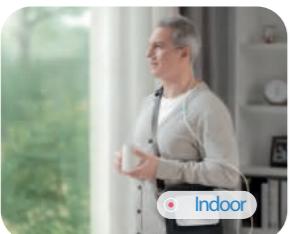


- Maximum Flow: 750ml/min (Equivalent Continuous Oxygen Supply: 3.75L/min)
- Oxygen Concentration (Measured after warm up 30minutes) ≥90%
- Maximum Outlet Pressure: 150kPa
- Sound Level≤55dB
- Minimum Operating Time: 30minutes
- Operational temperature: 5°C~40°C
- Altitude: 0 to 5000m

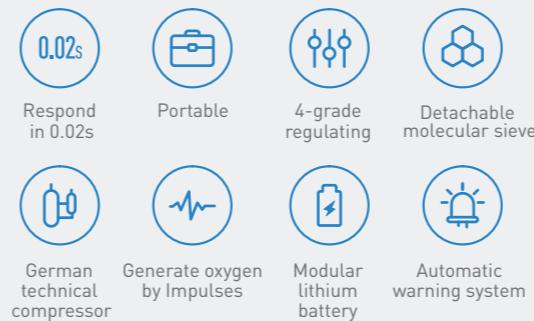
QTN: 1PCS/CTN
G.W./N.W: 4.5kgs/2.2kg
Size: 32×32×21cm



Applicable scene



SPIRIT-6



NEW



PARAMETRES

Maximum Flow

1200ml/min
(Equivalent Continuous Oxygen Supply
6.0L/min)

Breath Rate, BreathMinute (BPM)	Setting 1	Setting 2	Setting 3	Setting 4	Setting 5	Setting 6
Full power running time	5h30min	3h30min	2h50min	2h30min	1h40min	≥30min

Oxygen Concentration
(Measured after warm up 30minutes)

≥87%

Maximum Limited Pressure

180kPa

Sound Level

≤55dB

Minimum Operating Time

30minutes

Operational Temperature

10[°C] - 40 [°C]

Altitude

0 to 3000m

Net Weight

2.3kg

Optional Accessories

Backpack, Double layer
Battery, Fast charger

Oxygen Concentrator

8F-5A



- Global sales leader
- Medical grade
- High oxygen concentration
- 5L oxygen flow
- Failure detection
- Ultra-silence
- Castors

- Flow Range: 0.5~5L /min
- Oxygen Concentration: 95.5%-87%
- Maximum Limited Pressure: 70kPa
- Sound Level: 48 dB(A)
- Input Power: 350VA
- Minimum Operating Time: 30minutes

QTN: 1PCS/CTN
G.W./N.W: 17.5/15.5kg
Size: 48.5×34×60cm

8F-10(CE)/8F-10W Single flow

NEW



- Medical grade
- High oxygen concentration
- 10L oxygen flow
- Cumulative usage time
- Failure detection
- Castors
- HEPA filter
- Nebulizer (8F-10W only)

- Nebulizing function: (8F-10W)
- Maximum Nebulizing Rate: >0.15mL/min(8F-10W)
- Automatic reminder of filter cleaning: 100 hours
- Flow range: 1-10L/min
- Oxygen concentration: 95.5%-87%
- Maximum limited pressure: 100kPa
- Sound level: 55dB(A)
- Input power: 700VA
- Minimum operating time: 30minutes

QTN: 1PCS/CTN
N.W: 23.5kg
Size: 41×37.5×66.8cm

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PORTABLE PHLEGM SUCTION UNITS

RESPIRATORY





7E-A (CE/Basic sets)

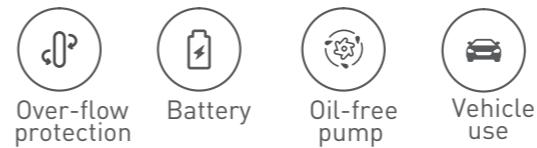


- Input power: 90VA
- Max vacuum: 85±10KPA
- Max air flow: ≥20L/min (without jar)
- Operation noise: Approximately 51dB (a)
(when measured at 1m from front of device)
- Liquid collection jar: 1000ml, 1 piece
- Operating time: 30 minutes on, 30 minutes off

QTN:2PCS/CTN
G.W./N.W.: 10/7.6kg
Size: 54.5×37×31cm



7E-G

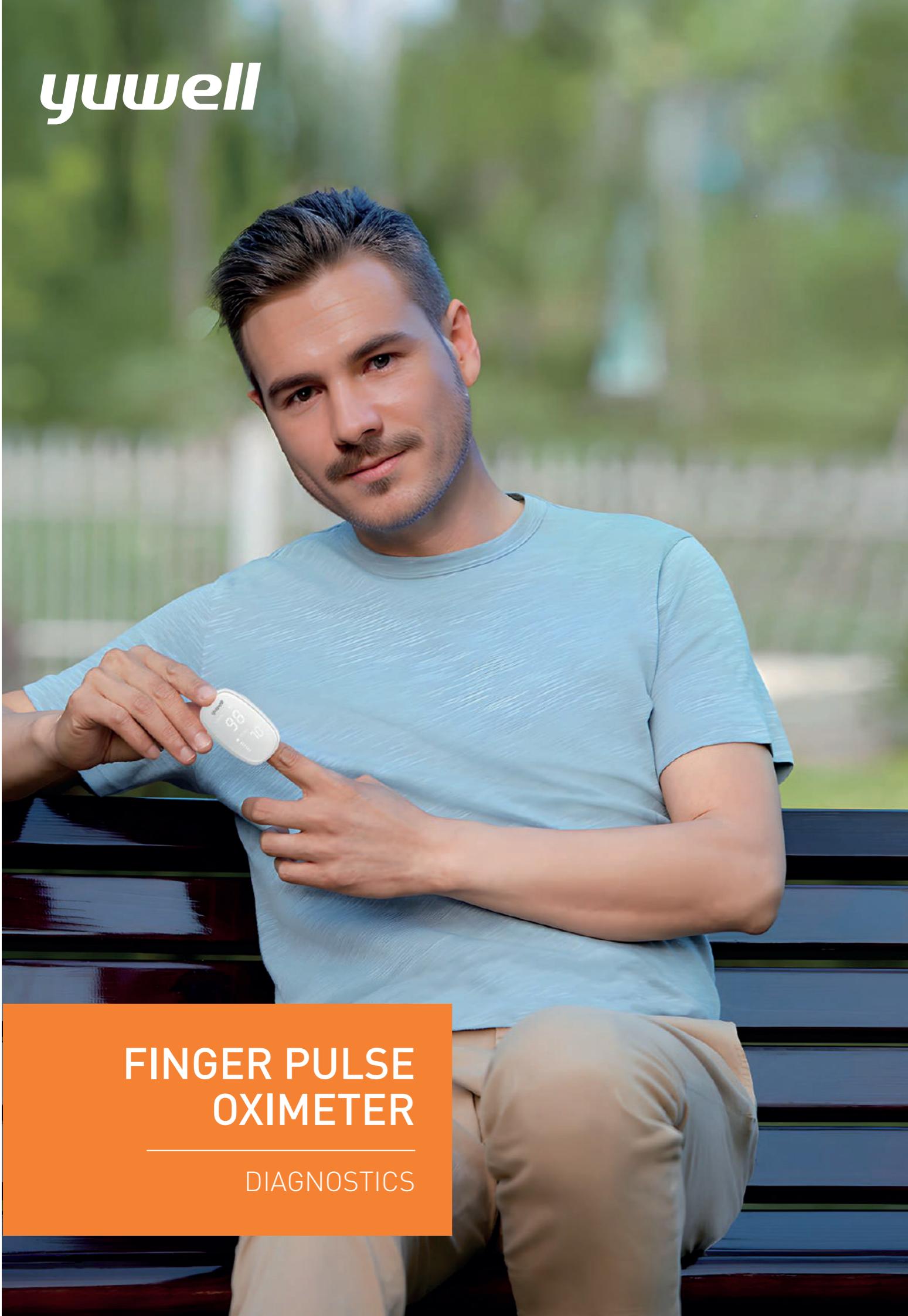


- Power supply: AC230V, 50Hz or DC 12C
- Input power: 90 VA
- Air flow rate: ≥20L/min (without jar)
- Operating time : 30 minutes on, 30 minutes off
- Running time of battery operation: Approx. 30 minutes

- Power supply of the suction apparatus and suction unit:
 AC120V±10% AC220V±10% AC230V±10% 50Hz 60Hz

QTN: 2PCS/CTN
G.W./N.W.: 14.8/12kg
Size: 52×46×34.5cm

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FINGER PULSE OXIMETER

DIAGNOSTICS



DIAGNOSTICS

YX102



YX110



Automatic shutdown



Pulse column display



Bluetooth



LED backlit display

- Measurement range of pulse rate: 25bpm~250bpm
- Accuracy of SpO₂: 70%~100%: ±2%
- Accuracy of pulse rate:
±1% / ±1bpm (The result depends on the larger value)
- Power consumption: <40mA
- Operation environment: Temperature(℃): 5~40
Relative humidity: <80%
- Boot method: Open angle to boot
- Power supply: 2×1.5V AAA alkaline batteries
- Display mode: LED
- Dimension: 60×38×35mm
- Weight: 38g (without batteries)
- Automatic shutdown time: 8s

QTN: 40PCS/CTN

G.W./N.W.: 4.1/1.5kg

Size: 45×26×15cm

MESH NEBULIZER

M102(CE)



CE



Medical grade
Portable
Soundless
Small nebulizer particles

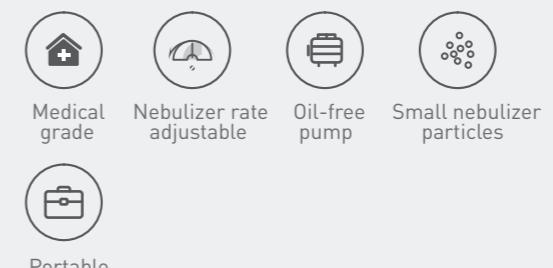
CE

- Power supply:
DC 3.0V (two "AA" 1.5V alkaline batteries)(M102)
DC 3.7V(-0.2V, +0.5V) {Build-in lithium battery}(M118)
Input: AC100V~240V 50Hz/60Hz 0.2A;
Output: DC5V 1000 mA
 - Nebulization rate: >0.2 mL/min
 - Medication residue: <0.5mL
 - Particle Size: MMD 4.2um±25%
 - Percent of MMD < 5μm: > 50%
 - Noise: <45dB(A)
- QTN: 10PCS/CTN
G.W.: 4.7kg
Size: 40.5×33.5×17cm

Introduction of Accessories



405B Air-Compressing Nebulizer



Medical grade
Nebulizer rate adjustable
Oil-free pump
Small nebulizer particles



Portable

- Input: AC100 -240V, 50/60Hz
- Output: DC12V, 1000mA
- Max nebulizing rate: >0.2ml/min
- MMAD: 3.7μm, proportion of <5μm: >60%
- Max pressure: >0.1MPa
- Max air flow: >3.5L /min
- Residual Volume: <1mL
- Operation noise: approx 45dB(A)
- Operation time: 20minutes on, 40 minutes off

QTN: 10PCS/CTN
G.W./N.W.: 5.3/2.2kg
Size: 47×32×17.5cm



BLOOD GLUCOSE METERS

DIABETES MANAGEMENT



CE

582



Auto-coding



Memory capacity



Average results

Optional function
(Choose one of the three)



Bluetooth



Backlit
LCD display



Voice
Broadcast

- Enzyme: GOD
- Strip reject button
- Unit: mg/dL or mmol/L
- Blood volume: 1 μ L
- Measuring time: 8 seconds
- Measuring range: 0.6-33.3mmol/L(10-600mg/dL)
- Memory capacity: 250 groups
- Average results: 7days, 14days, 30days, 60days and 90days
- Operation temperature: 5°C-40°C
- Hematocrit range 30%-60%
- 2 AAA batteries

QTN: 20PCS/CTN
G.W./N.W.: 5.25/1.04kg
Size: 59×24×18.5cm
Weight: 50g