LANDSWICK · PRODUCT BROCHURE COLLECTION

CPR Machine Product Brochure Collection

6 Product Series · 9 Brochures · 30 Pages in Original Color

Electro-Pneumatic: MCPR 100 Series (MCPR 100A / 100B / 100C)

Electro-Electric: AHS 200C · AHS 200 · AHS 3000A1 · AHS 5 · AHS 5P Series

Brochures in provided order; images in original color, black-on-white layout

Guangzhou Landswick Medical Technology Co., Ltd. · www.landswick.com

Nine Brochures, Six Series, with Comparisons & Summary

Brochure List

1	Electro-Pneumatic CPR Machine MCPR 100 Series	Pages 03–04
2	Electro-Electric CPR Machine AHS 200C	Pages 05–06
3	Electro-Electric CPR Machine AHS 200 Series	Pages 07–08
4	Electro-Electric CPR Machine AHS 3000A1	Pages 09–10
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Key Figures

6 product series; see pp. 33–44

9 brochures, in the order provided

30 image pages, all in original color

≤7.0kg total weight, carbon-fiber body

80kg max monitored compression force

≥130 min dual-battery system runtime

MCPR 100 Series: Pneumatic Compression & Ventilation in One

Key Points

- **Guideline-Compliant**
  Fully complies with the latest AHA 2020 Guidelines for CPR and ECC.

- **High Ventilation Volume**
  For public and athletes; real-time tidal volume monitoring.

- **Precisely Adjustable**
  Rate to 120/min; depth visible, continuously adjustable.

- **Open for Defibrillation**
  Dual-column arched system keeps the chest fully open for defibrillation; level backboard eases intubation.

- **Certifications**
  Named a Guangdong High-Tech Product; software copyright registered, with upgrade services.

Anti-misoperation design; the control panel locks with one touch.



MCPR 100A / 100B / 100C: Model Comparison

Key Points

- **Compression Drive**
  Electro-pneumatic; rate 100 / 110 / 120 per minute, three settings.

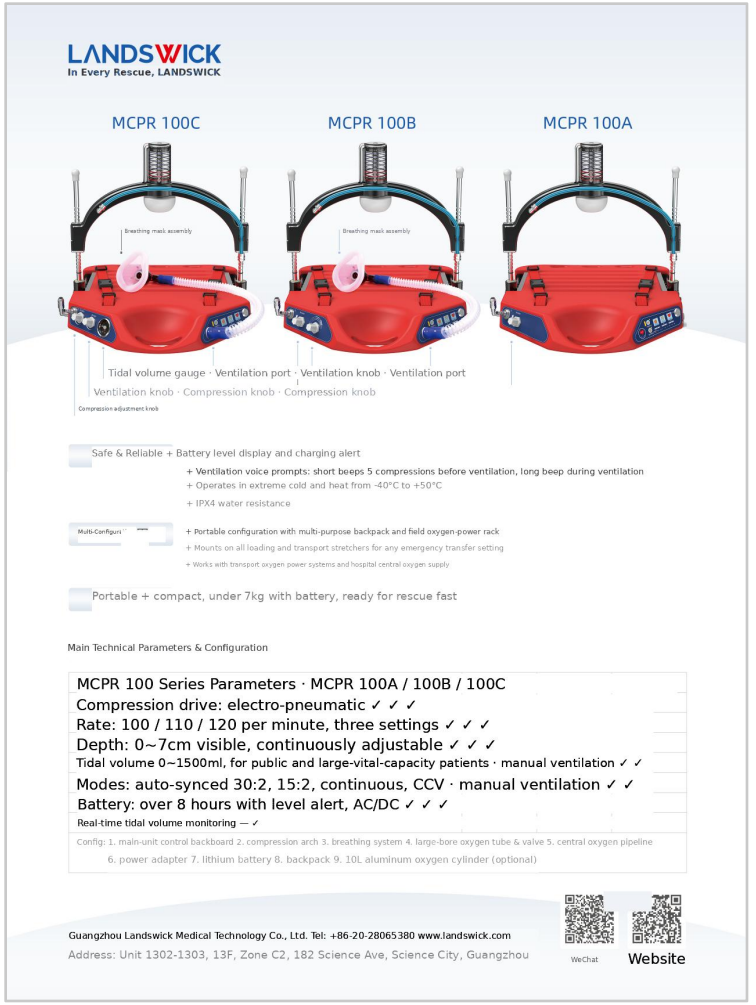
- **Compression Depth**
  0–7cm, visible and continuously adjustable.

- **Ventilation Range**
  Tidal volume 0–1500ml; 100A manual, 100B / 100C automatic.

- **Compression Modes**
  30:2, 15:2, continuous compression, CCV; real-time tidal volume monitoring is exclusive to 100C.

- **Battery Runtime**
  Over 8 hours of continuous operation, AC/DC powered; -40°C to +50°C, IPX4 water-resistant.

Configuration includes main-unit control backboard, compression arch, breathing system, large-bore oxygen tube with regulating valve, central oxygen supply pipeline, etc.



AHS 200C: Precise Compressions, Single-Rescuer CPR Made Real

Key Points

- **Guideline-Compliant**
  Fully complies with the latest AHA 2020 Guidelines for CPR and ECC.

- **Electric-Drive Control**
  Electro-electric control: precise, stable rate and depth.

- **Dual Patents**
  Patented battery and compression design reduce fracture risk.

- **Wide Adaptability**
  Not limited by patient weight; suitable for the vast majority of patients.

- **Portable & Fast**
  Carrying backpack included; compact, under 7kg with battery; quick setup for immediate rescue.

The suction cup provides over 5kg of upward lift, combining compression with active decompression recoil.



AHS 200C: Compression Modes & Technical Parameters

Key Points

- **Compression Modes**
  15:2, 30:2, continuous compression and CCV modes — multiple compression-ventilation options.
- **Compression Depth**
  0–3.6cm, 0–4.6cm, 0–5.6cm, three settings.
- **Environmental Tolerance**
  Operates from -15°C to +60°C; storage -40°C to 70°C; main unit IP43, battery IP44.
- **Power Supply**
  Battery powered, with vehicle and mains power options — no dependence on gas supply.
- **Standard Configuration**
  Main unit, backboard, battery, adapter, backpack, suction cup.

Mounts on all types of loading and transport stretchers for any emergency transfer setting.



AHS 200 Series: Dual Batteries, Auto-Synced Ventilation

Key Points

- **Guideline-Compliant**
  Fully complies with the latest AHA 2020 Guidelines for CPR and ECC.

- **Dual-Battery System**
  Patented dual-battery power system allows battery swap without stopping operation.

- **Bluetooth Sync**
  Bluetooth links compressions to the ventilator — compression and ventilation run automatically, hands-free.

- **Precise Compression**
  Patented precision compression design keeps rate and depth stable, reducing sternal fracture risk.

- **Portable & Fast**
  Carrying backpack included; under 7kg with battery — single-rescuer CPR becomes a reality.



AHS 200 Series: 200A / 200B Model Comparison

Key Points

- **Compression Depth**
  0–3.6 / 4.6 / 5.6cm, three settings; 1:1 compression-release ratio.

- **Compression Modes**
  Continuous compression and CCV modes; 200A manual ventilation, 200B full ventilation support.

- **Dual-Battery Power**
  AC/DC power supported; battery swap without stopping operation.

- **Patient Fit**
  Chest depth 13.3–30.3cm, width up to 47cm.

- **Environmental Tolerance**
  Operates from -15°C to +60°C; main unit IP43, battery IP44; Bluetooth device connection.

The models differ mainly in ventilation — 200A manual, 200B auto-synced compression-ventilation.



AHS 3000A1: 3 Rates × 3 Depths, Dual-Battery Runtime

Key Points

- **Guideline-Compliant**
  Fully complies with the latest AHA 2020 Guidelines for CPR and ECC.

- **Electric-Drive Control**
  World-leading electro-electric control, precise compressions.

- **Dual-Battery System**
  Patented dual-battery power system allows battery swap during operation.

- **Multiple Options**
  Multiple modes, depths and rates to choose from.

- **Portable & Fast**
  Carrying backpack included; compact, under 7kg with battery; ready for rescue fast.

The precision compression design effectively reduces the risk of sternal fracture.



AHS 3000A1: Technical Parameters & Configuration

Key Points

- **Compression Rate**
  100, 110, 120 per minute, three settings.
- **Compression Depth**
  0–3.6cm, 0–4.6cm, 0–5.6cm, three settings; 1:1 compression-release ratio.
- **Compression Modes**
  15:2, 30:2, continuous compression.
- **Patient Fit**
  Chest depth 13.3–30.3cm, width up to 47cm.
- **Battery Operation**
  Over 120 minutes of runtime with non-stop battery swap; 2 rechargeable lithium batteries included.

AC/DC power supported; suction cup included; battery charging dock optional.



AHS 5P Series: Real-Time Chest-Pressure & CPR-Effect Monitoring

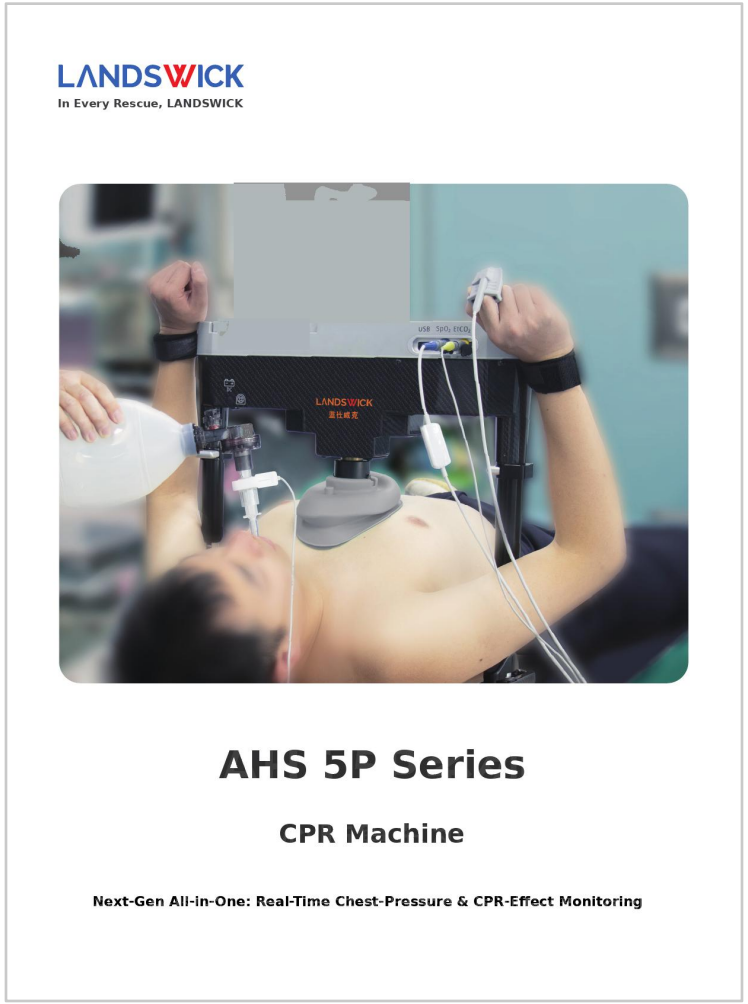
Key Points

- **Real-Time Monitoring**
  Compression force, chest recoil pressure, depth and rate shown live on one screen.

- **Effect Feedback**
  CCF, $EtCO_2$ and SpO_2 trend graphs give real-time feedback on resuscitation quality.

- **Clinical Settings**
  Covers pre-hospital emergency, transport and in-hospital resuscitation — ready to deploy fast.

3.5-inch HD color display puts all key parameters at a glance.



Real-Time Chest-Pressure Feedback: A New Data Dimension

Key Points

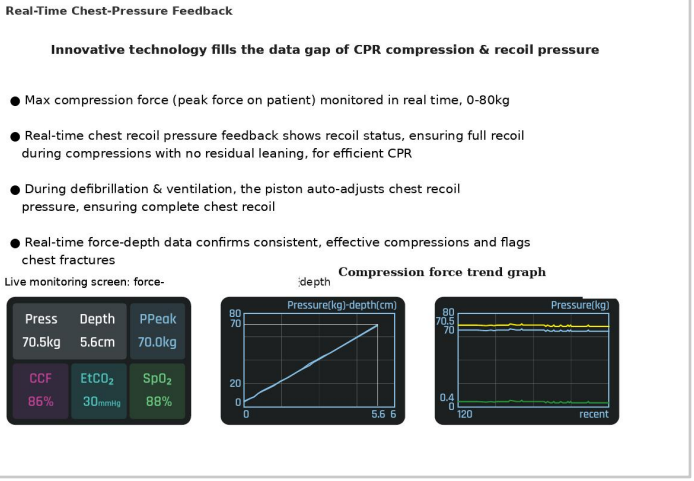
- **Peak Force Monitoring**
  Real-time monitoring of the patient's peak compression force over a 0–80kg range.

- **Recoil Feedback**
  Real-time chest recoil feedback ensures full release with no residual leaning, for efficient CPR.

- **Auto Adjustment**
  During defibrillation and ventilation, the piston auto-adjusts recoil pressure to ensure full release.

- **Fracture Alert**
  Real-time force-depth data confirms consistent, effective compressions and can flag chest fractures.



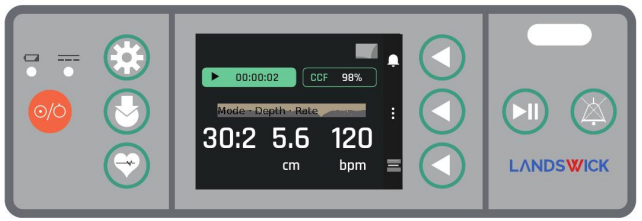


Functions & Real-Time Effects: Comprehensive Monitoring

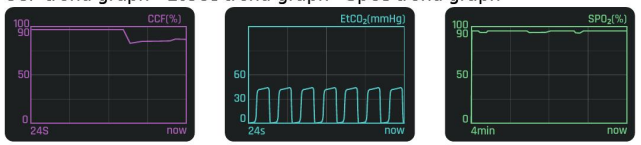
Key Points

- **Pressure Feedback Tech**
  Quantified display of recoil pressure, applied pressure, max output force and force-depth curves.
- **CCF Evaluation**
  Instant CCF feedback when compressions end; USB export can merge manual CPR time for full-process CCF.
- **Gas Monitoring**
  End-tidal CO_2 ($EtCO_2$) and SpO_2 monitoring with real-time trend graphs of resuscitation effect.
- **HD Color Screen**
  3.5-inch screen shows depth, rate, mode, $EtCO_2$, SpO_2, CCF, pressure and more.

Complies with the latest CPR guidelines and emergency-medicine quality-control indicators (2024 edition).



CCF trend graph · $EtCO_2$ trend graph · SpO_2 trend graph



Functions & Real-Time Effects: Comprehensive Monitoring

● Advanced compression-force feedback technology quantifies real-time chest recoil pressure, applied pressure, max output force and force-depth curves — truly precise feedback on chest recoil and compression force, meeting the latest CPR guidelines;

● CPR data shown in real time; instant CCF (chest compression fraction) feedback when compressions end; USB data export, supporting manual-CPR time input, combined with device CPR time to auto-generate full-process CCF evaluation, aiding clinical review; complies with the latest CPR guidelines and the emergency-medicine quality-control indicators (2024 edition);

● $EtCO_2$ and SpO_2 monitoring with real-time trend graphs of resuscitation effect, meeting the emergency-medicine quality-control indicators (2024 edition);

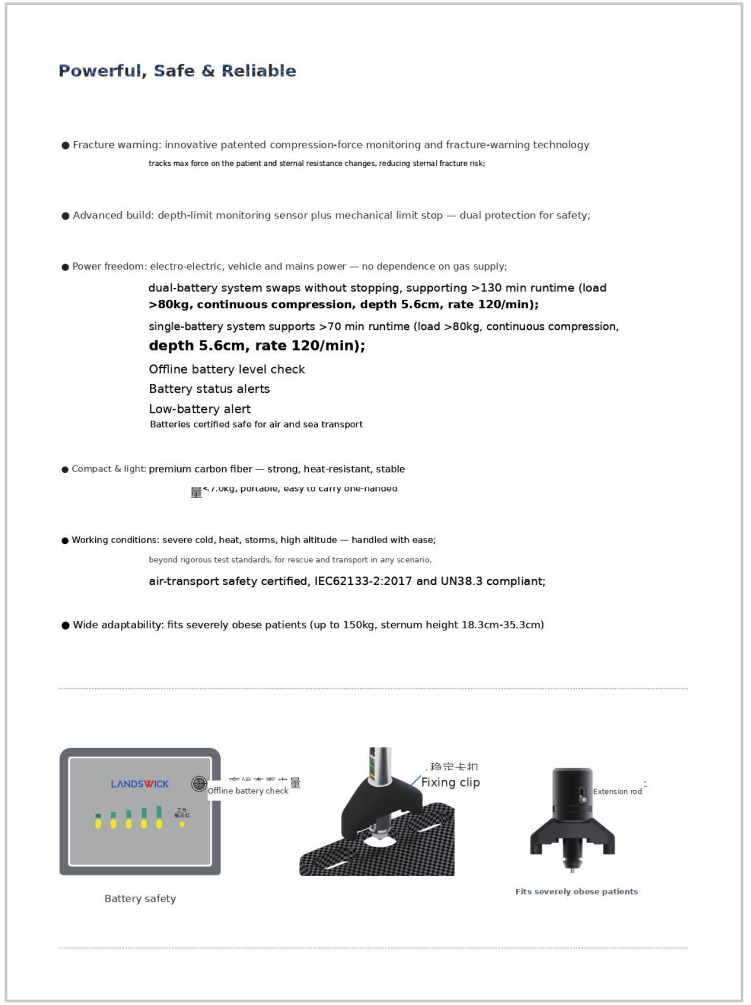
● 3.5-inch HD color display shows compression depth, rate, mode, $EtCO_2$, SpO_2, compression time, CCF, compression force, chest recoil pressure and 重要more at a glance, enabling personalized therapy;

Powerful, Safe and Reliable

Key Points

- **Fracture Warning**
  Patented fracture warning reduces sternal fracture risk.
- **Dual Protection**
  Depth-limit monitoring sensor plus a mechanical limit stop keep the patient safe.
- **Power Freedom**
  Dual batteries ≥130 min, single battery ≥70 min (80kg load); swap without stopping.
- **Compact & Light**
  Premium carbon-fiber build; total weight ≤7.0kg, easy to carry one-handed.
- **Extreme Conditions**
  Extreme-weather ready; IEC62133-2 / UN38.3 certified.

Batteries certified safe for air and sea transport.

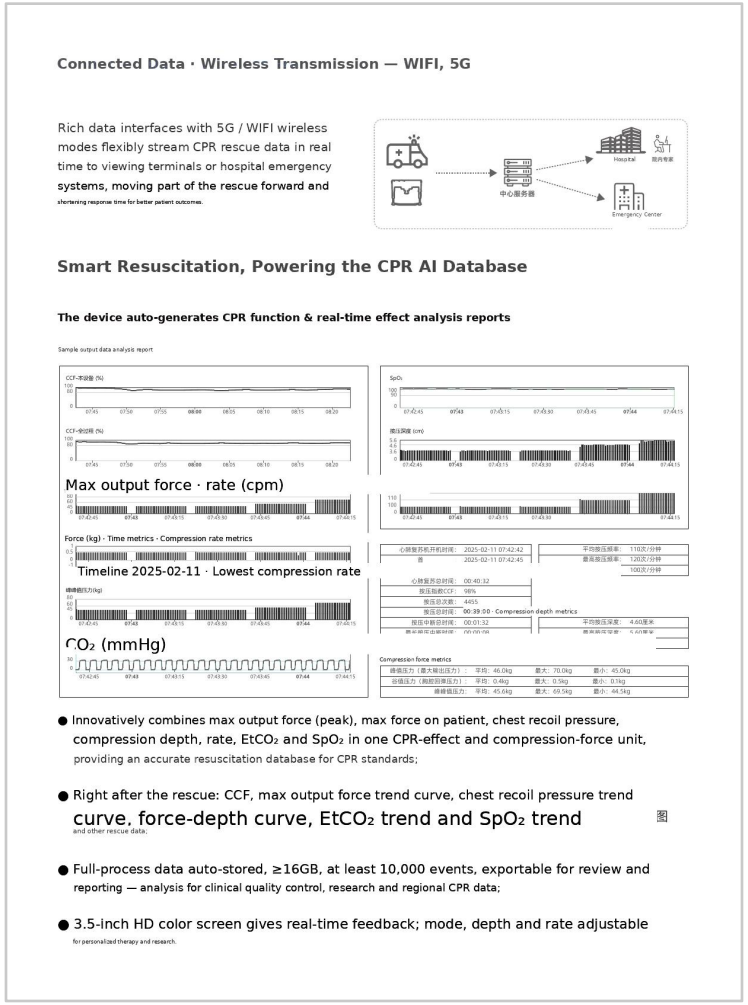


Connected Data: WIFI / 5G Powers CPR Databases

Key Points

- **Wireless Transmission**
  5G / WIFI streams rescue data live to viewing terminals or hospital emergency systems, shortening response time.
- **Auto Reports**
  The device automatically generates CPR function and real-time effect analysis reports.
- **Complete Metrics**
  Reports cover time, compression rate, depth and force (peak / valley / peak-to-peak).
- **All-in-One Monitoring**
  Combines force, depth, rate, $EtCO_2$ and SpO_2, building a database for CPR quality standards.

CCF statistics and trend curves are available right after the rescue.



AHS 5PD: Component Overview

Key Points

- **Control Zone**
  Control panel and display, function keys, USB port.
- **Monitoring Zone**
  $EtCO_2$ port; compression piston and force sensor.
- **Compression Zone**
  Suction cup; height-adjustment lever and depth scale.
- **Structure Zone**
  Extension rods, fixing clips; battery compartment.



Brand values — Respect Life · Work Rigorously · Drive Innovation · Serve Humanity.

AHS 5P Series: Real-Time Chest-Pressure & CPR-Effect Monitoring

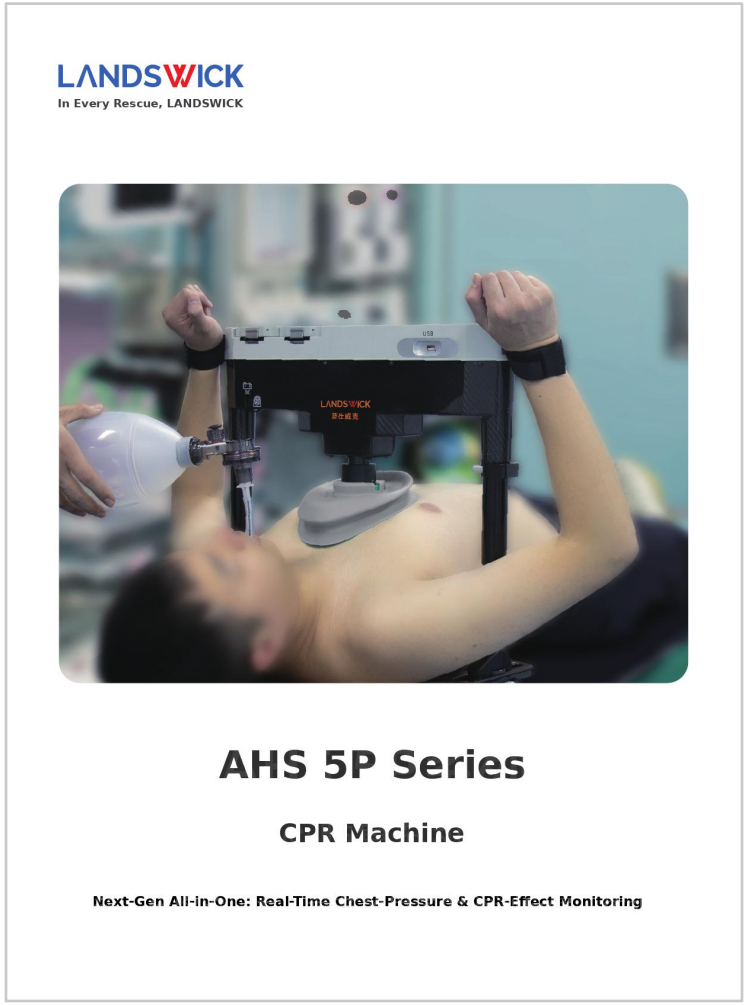
Key Points

- **Real-Time Monitoring**
  Compression force, chest recoil pressure, depth and rate shown live on one screen.

- **CCF Statistics**
  Instant statistics on interruption duration, interruption count, total compression time and count.

- **Data Storage**
  Full-process data stored automatically; ≥16GB holds at least 10,000 event records.

3.5-inch HD color screen; adjustable mode, depth and rate enable personalized therapy.



Real-Time Chest-Pressure Feedback: A New Data Dimension

Key Points

- **Peak Force Monitoring**
  Real-time monitoring of the patient's peak compression force over a 0–80kg range.

- **Recoil Feedback**
  Real-time chest recoil feedback ensures full release with no residual leaning, for efficient CPR.

- **Auto Adjustment**
  During defibrillation and ventilation, the piston auto-adjusts recoil pressure to ensure full release.

- **Fracture Alert**
  Real-time force-depth data confirms consistent, effective compressions and can flag chest fractures.

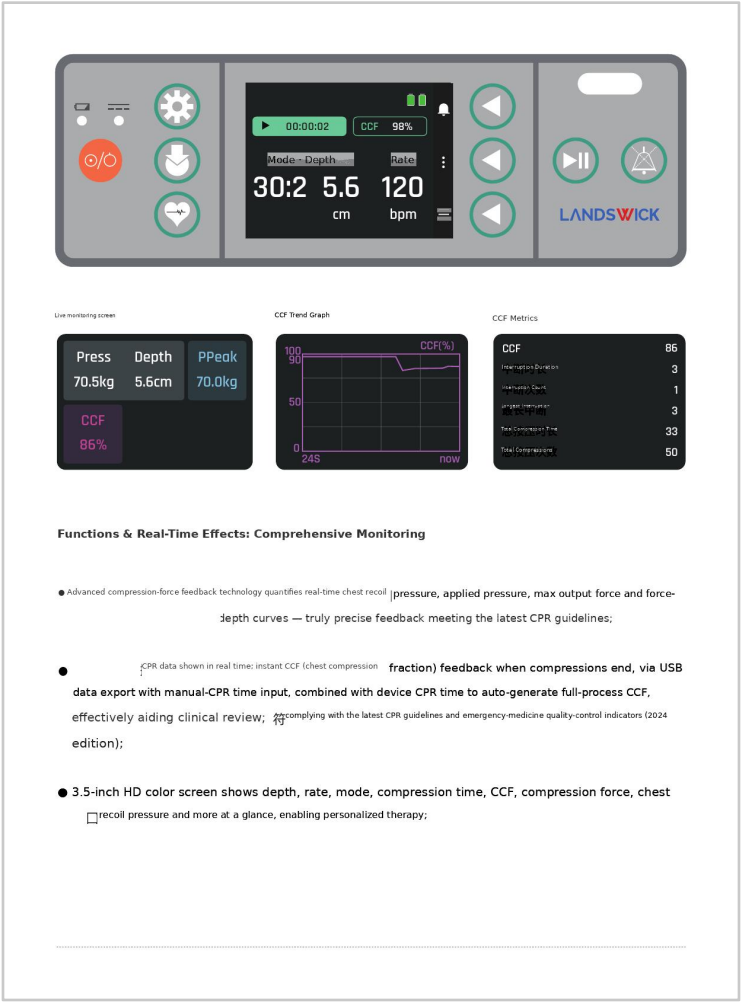


Functions & Real-Time Effects: Comprehensive Monitoring

Key Points

- **Pressure Feedback Tech**
  Quantified display of recoil pressure, applied pressure, max output force and force-depth curves.
- **CCF Evaluation**
  Instant CCF feedback when compressions end; USB export can merge manual CPR time for full-process CCF.
- **CCF Metrics**
  Real-time statistics: interruption duration and count, longest interruption, total compression time and count.
- **HD Color Screen**
  3.5-inch screen shows depth, rate, mode, compression time, CCF, compression and recoil pressure live.

Complies with the latest CPR guidelines and emergency-medicine quality-control indicators (2024 edition).

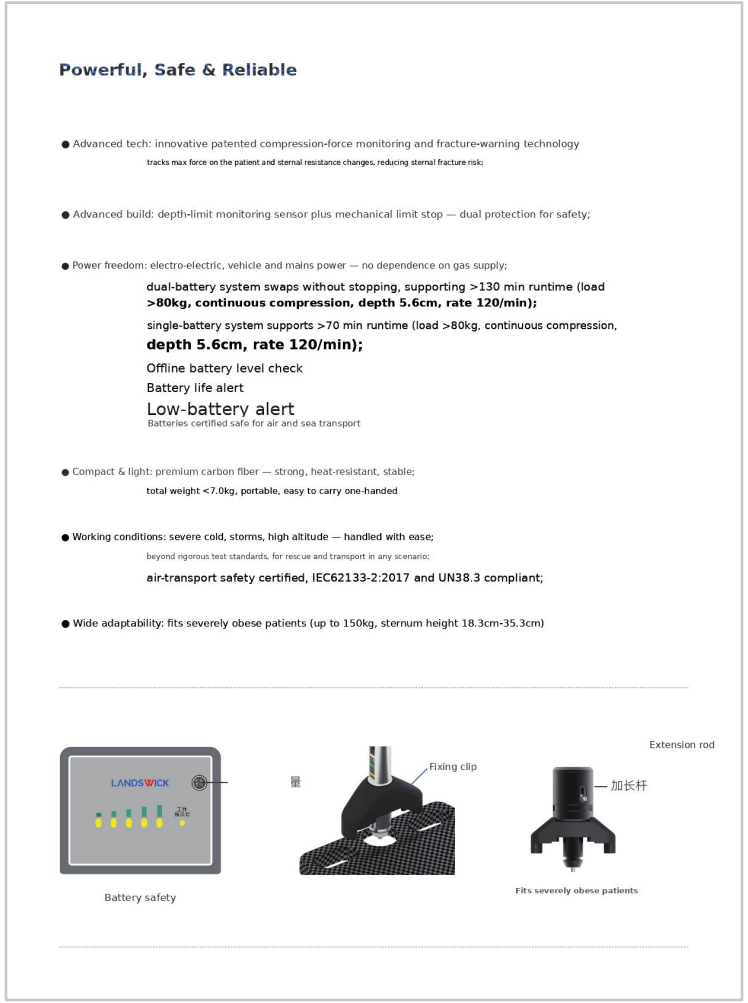


Powerful, Safe and Reliable

Key Points

- **Fracture Warning**
  Patented fracture warning reduces sternal fracture risk.
- **Dual Protection**
  Depth-limit monitoring sensor plus a mechanical limit stop keep the patient safe.
- **Power Freedom**
  Dual batteries ≥130 min, single battery ≥70 min (80kg load); swap without stopping.
- **Compact & Light**
  Premium carbon-fiber build; total weight ≤7.0kg, easy to carry one-handed.
- **Extreme Conditions**
  Extreme-weather ready; IEC62133-2 / UN38.3 certified.

Batteries certified safe for air and sea transport.

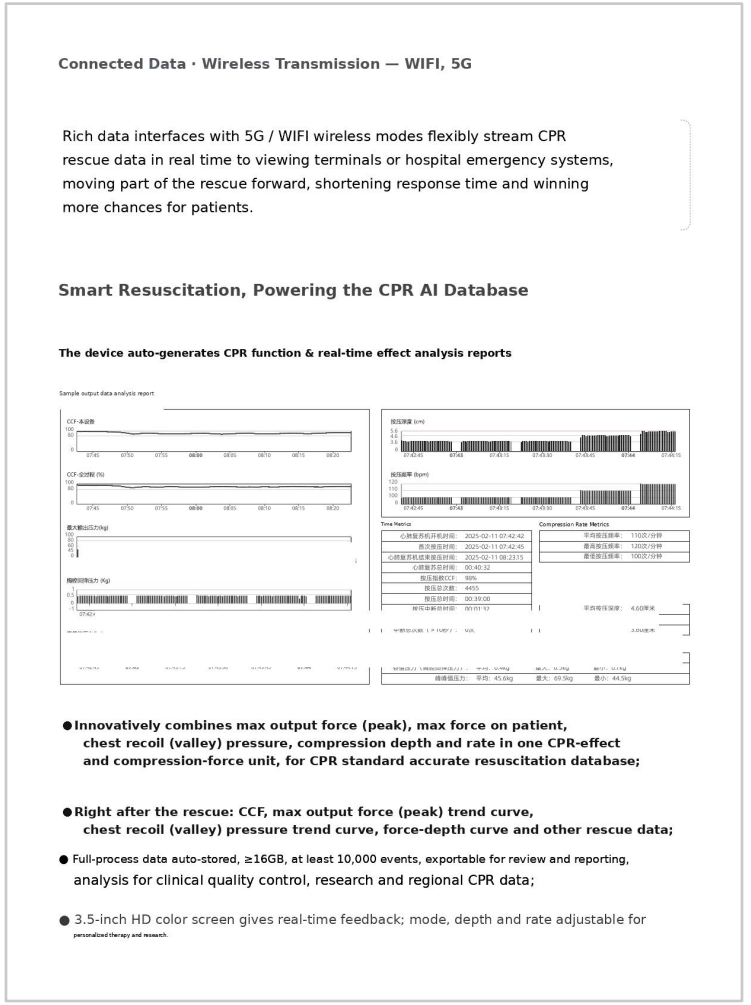


Connected Data: WIFI / 5G & Smart Resuscitation

Key Points

- **Wireless Transmission**
  5G / WIFI streams rescue data wirelessly to viewing terminals or hospital emergency systems, winning time for patients.
- **Auto Reports**
  The device automatically generates CPR function and real-time effect analysis reports.
- **Data Storage**
  Auto-stores ≥16GB / ≥10,000 events; exportable for retrospective analysis and reporting.
- **All-in-One Monitoring**
  Combines force, depth and rate data for clinical quality control, research and regional CPR analysis.

Helping raise the standard of CPR.



AHS 5PC: Component Overview (5PA: Single Battery)

Key Points

- **Control Zone**
  Control panel and display, function keys, USB port.
- **Power Zone**
  Batteries — AHS 5PC dual-battery configuration, AHS 5PA single battery.
- **Compression Zone**
  Suction cup; height-adjustment lever and depth scale; compression piston and force sensor.
- **Structure Zone**
  Extension rods, fixing clips.

Brand values — Respect Life · Work Rigorously · Drive Innovation · Serve Humanity.



AHS 5P Series: Real-Time Chest-Pressure & CPR-Effect Monitoring

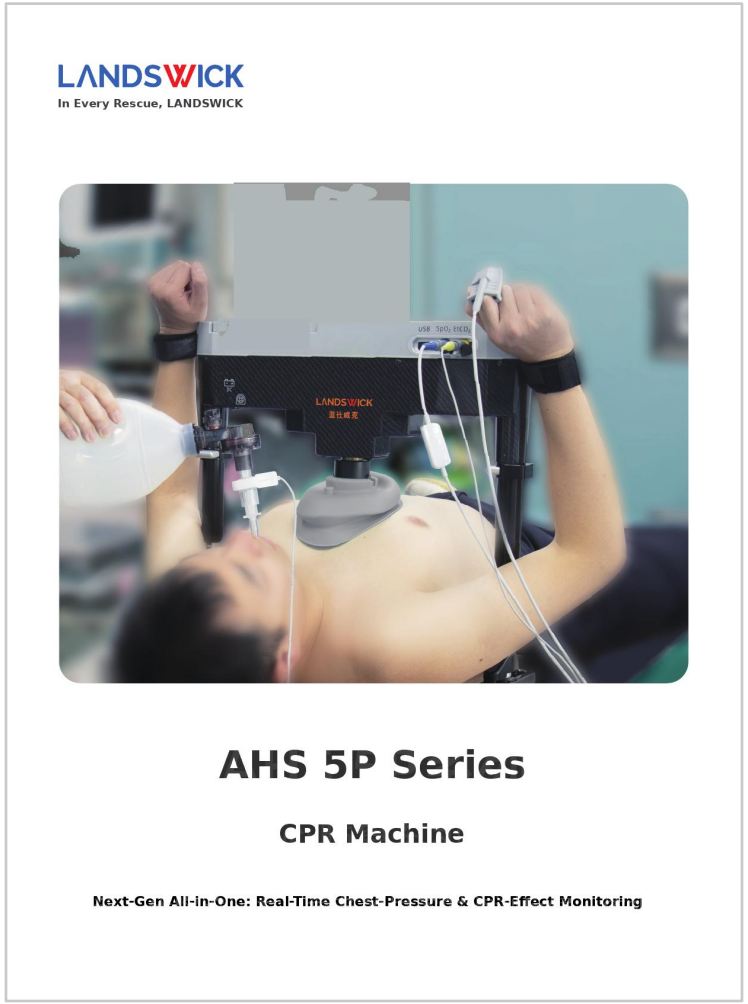
Key Points

- **Real-Time Monitoring**
  Compression force, chest recoil pressure, depth and rate shown live on one screen.

- **Effect Feedback**
  CCF, $EtCO_2$ and SpO_2 trend graphs give real-time feedback on resuscitation quality.

- **Clinical Settings**
  Covers pre-hospital emergency, transport and in-hospital resuscitation — ready to deploy fast.

3.5-inch HD color display puts all key parameters at a glance.



Real-Time Chest-Pressure Feedback: A New Data Dimension

Key Points

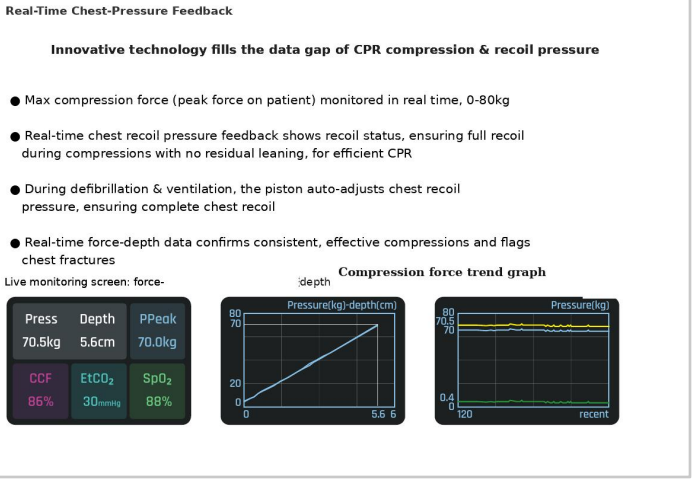
- **Peak Force Monitoring**
  Real-time monitoring of the patient's peak compression force over a 0–80kg range.

- **Recoil Feedback**
  Real-time chest recoil feedback ensures full release with no residual leaning, for efficient CPR.

- **Auto Adjustment**
  During defibrillation and ventilation, the piston auto-adjusts recoil pressure to ensure full release.

- **Fracture Alert**
  Real-time force-depth data confirms consistent, effective compressions and can flag chest fractures.



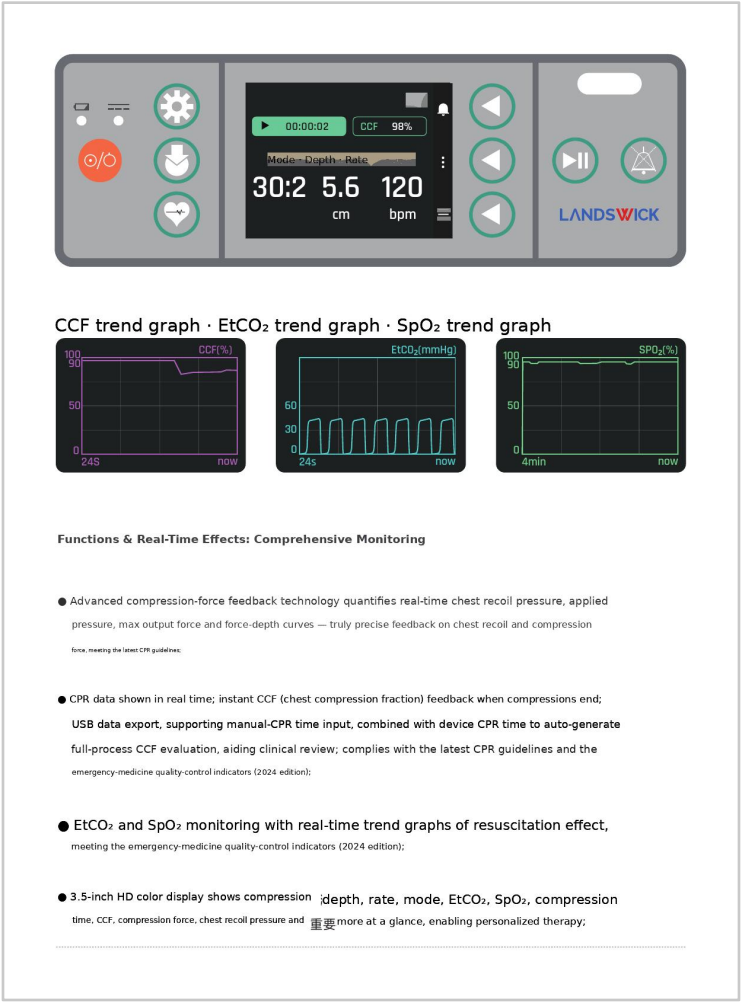


Functions & Real-Time Effects: Comprehensive Monitoring

Key Points

- **Pressure Feedback Tech**
  Quantified display of recoil pressure, applied pressure, max output force and force-depth curves.
- **CCF Evaluation**
  Instant CCF feedback when compressions end; USB export can merge manual CPR time for full-process CCF.
- **Gas Monitoring**
  End-tidal CO_2 ($EtCO_2$) and SpO_2 monitoring with real-time trend graphs of resuscitation effect.
- **HD Color Screen**
  3.5-inch screen shows depth, rate, mode, $EtCO_2$, SpO_2, CCF, pressure and more.

Complies with the latest CPR guidelines and emergency-medicine quality-control indicators (2024 edition).

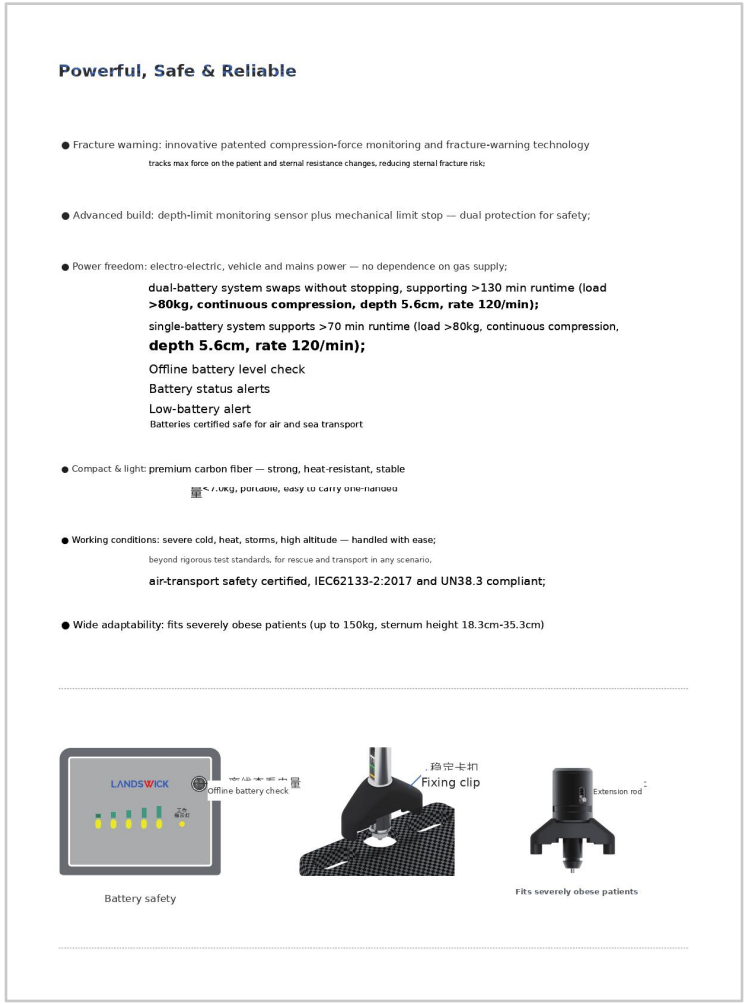


Powerful, Safe and Reliable

Key Points

- **Fracture Warning**
  Patented fracture warning reduces sternal fracture risk.
- **Dual Protection**
  Depth-limit monitoring sensor plus a mechanical limit stop keep the patient safe.
- **Power Freedom**
  Dual batteries ≥130 min, single battery ≥70 min (80kg load); swap without stopping.
- **Compact & Light**
  Premium carbon-fiber build; total weight ≤7.0kg, easy to carry one-handed.
- **Extreme Conditions**
  Extreme-weather ready; IEC62133-2 / UN38.3 certified.

Batteries certified safe for air and sea transport.

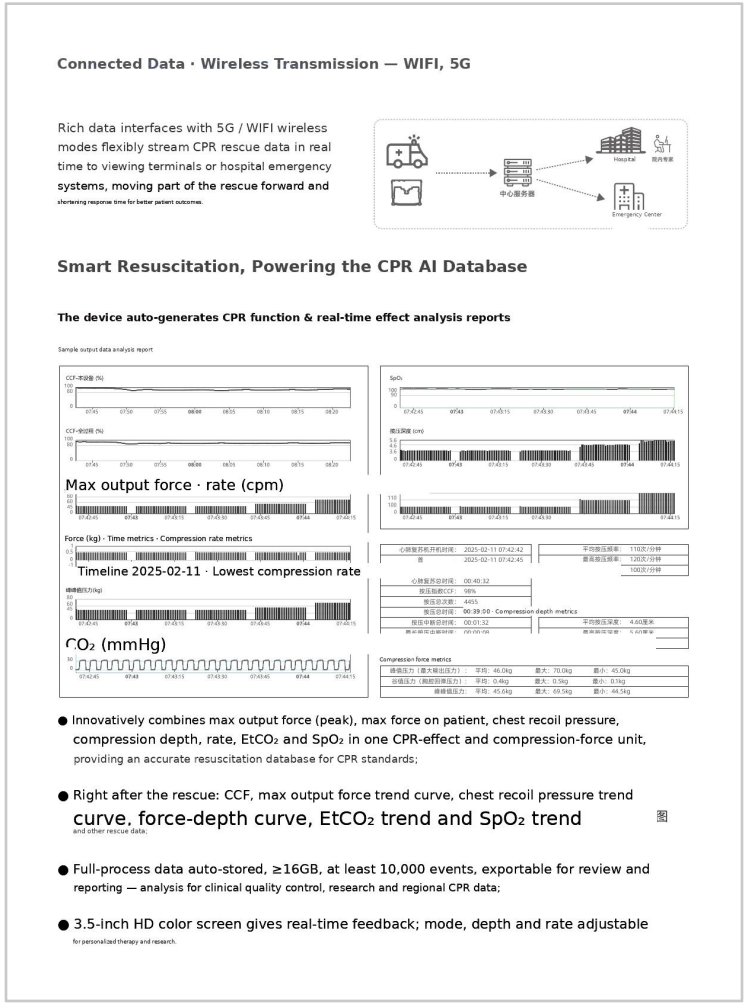


Connected Data: WIFI / 5G Powers CPR Databases

Key Points

- **Wireless Transmission**
  5G / WIFI streams rescue data live to viewing terminals or hospital emergency systems, shortening response time.
- **Auto Reports**
  The device automatically generates CPR function and real-time effect analysis reports.
- **Complete Metrics**
  Reports cover time, compression rate, depth and force (peak / valley / peak-to-peak).
- **All-in-One Monitoring**
  Combines force, depth, rate, $EtCO_2$ and SpO_2, building a database for CPR quality standards.

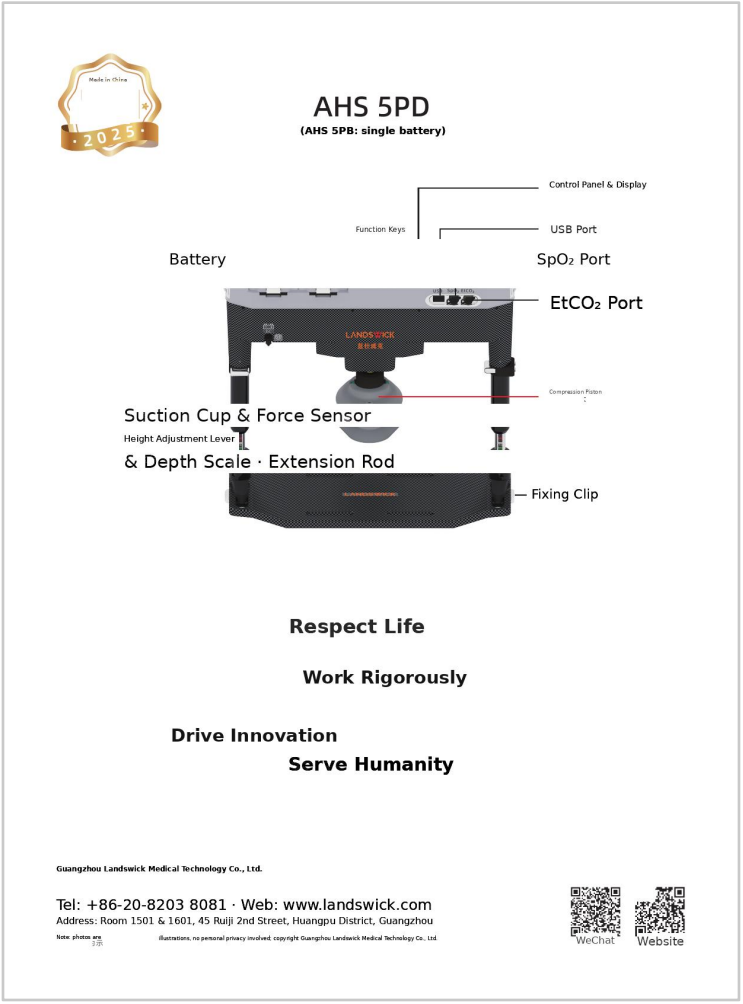
CCF statistics and trend curves are available right after the rescue.



AHS 5PD: Component Overview

Key Points

- **Control Zone**
  Control panel and display, function keys, USB port.
- **Monitoring Zone**
  $EtCO_2$ port; compression piston and force sensor.
- **Compression Zone**
  Suction cup; height-adjustment lever and depth scale.
- **Structure Zone**
  Extension rods, fixing clips; battery compartment.



AHS 5 Series: AHS 5A / AHS 5C Models

Key Points

- **HD Color Screen**
  3.5-inch color screen shows live compression data and CCF (chest compression fraction).

- **Data Management**
  Stores and exports usage and maintenance data to build an equipment maintenance database.

- **Auto Recoil Adjustment**
  During defibrillation and ventilation, the piston auto-adjusts recoil pressure to ensure full release.

- **Carbon-Fiber Body**
  Premium carbon fiber; total weight ≤7.0kg, portable and easy to carry one-handed.

- **Dual Protection**
  Depth-limit monitoring sensor and mechanical limit-stop design.

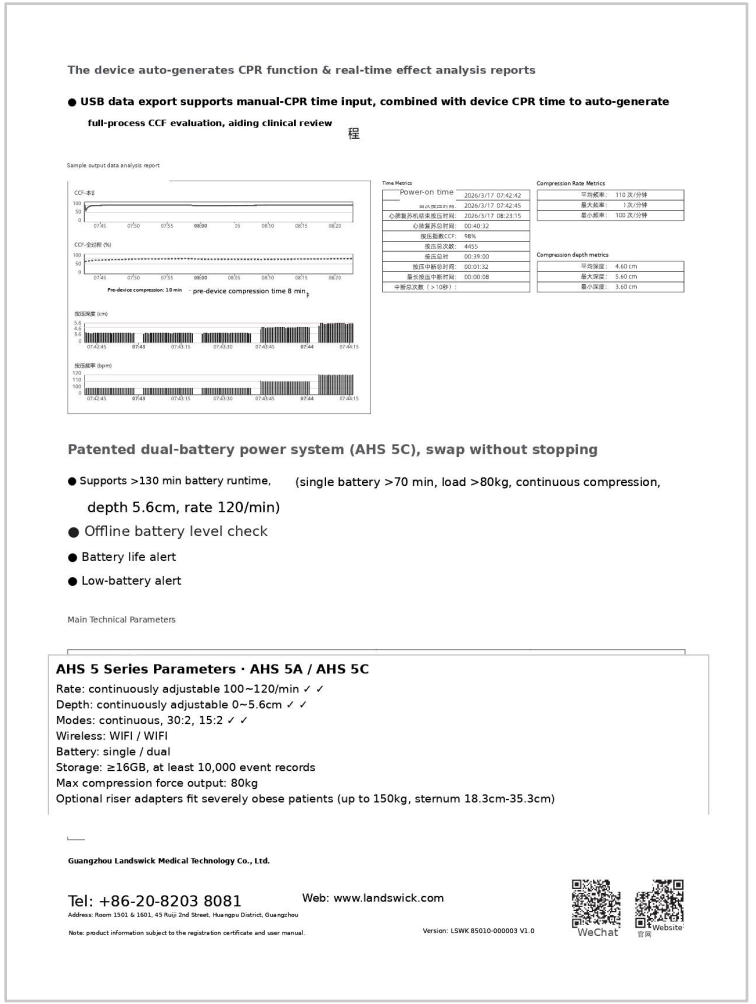


AHS 5 Series: Reports, Dual Batteries & Parameters

Key Points

- **Continuously Adjustable**
  Rate 100–120/min, depth 0–5.6cm continuously adjustable.
- **Compression Modes**
  Continuous compression, 30:2, 15:2; WIFI wireless connectivity.
- **Battery Options**
  5A single / 5C dual battery; dual ≥130 min, single ≥70 min.
- **Data Storage**
  ≥16GB, at least 10,000 event records; max compression force output 80kg.
- **Optional Risers**
  Height adapters fit patients up to 150kg (sternum height 18.3–35.3cm).

Monitoring reports include full-course CCF, depth and rate curves plus time and force metrics.



AHS 5B / 5D: 5A / 5C Plus $EtCO_2$ & SpO_2

Key Points

- **Model Lineup**
  5B single battery and 5D dual battery mirror the 5A / 5C pairing.

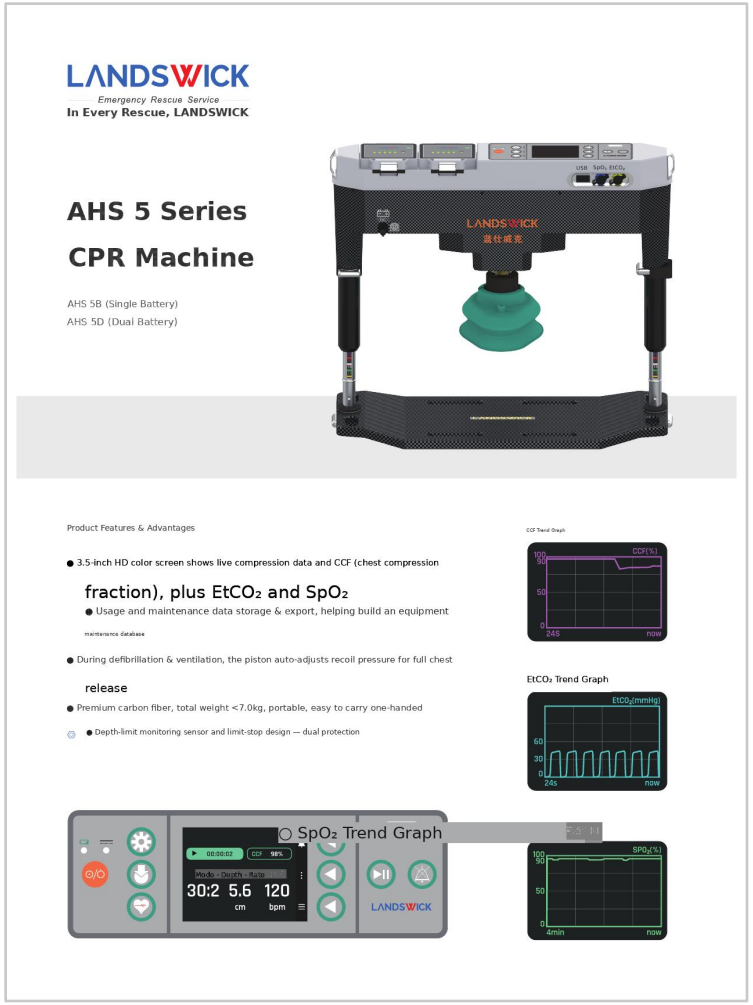
- **Gas Monitoring**
  3.5-inch color screen shows live data, CCF, $EtCO_2$, SpO_2.

- **Trend Graphs**
  CCF, $EtCO_2$ and SpO_2 trend graphs viewable on one screen.

- **Data Management**
  Stores and exports usage and maintenance data to build an equipment maintenance database.

- **Portable & Safe**
  Carbon-fiber body ≤7.0kg; dual protection from depth-limit sensor and limit stop.

During defibrillation and ventilation, the piston auto-adjusts recoil pressure for full chest release.



AHS 5B / 5D: Monitoring Reports & Parameters

Key Points

- **Monitoring Reports**
  USB data export can merge manual CPR time to generate a full-process CCF.

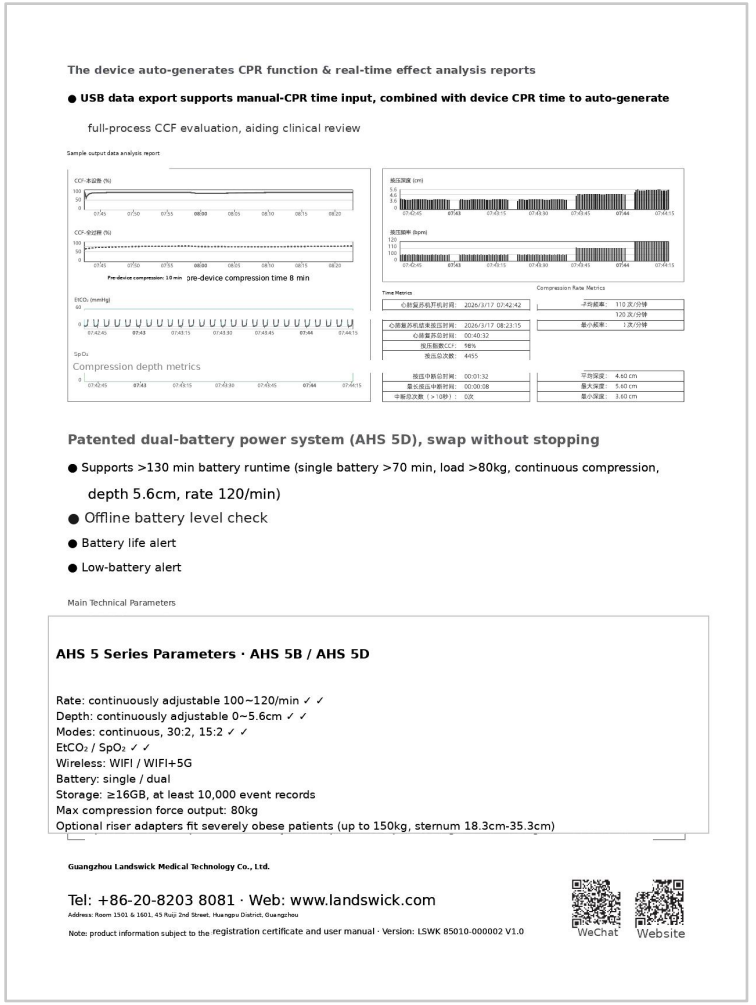
- **$EtCO_2$ / SpO_2**
  Both AHS 5B and 5D provide $EtCO_2$ and SpO_2 monitoring.

- **Continuously Adjustable**
  Rate 100–120/min, depth 0–5.6cm; continuous, 30:2, 15:2.

- **Battery & Comms**
  5B single battery + WIFI; 5D dual battery + WIFI / 5G, non-stop battery swap.

- **Storage & Risers**
  ≥16GB, ≥10,000 events; max output 80kg; fits patients up to 150kg.

Dual-battery system (AHS 5D) ≥130 min; single battery ≥70 min (80kg load).



AHS 5 Series: Battery × Gas Monitoring Comparison

Dimension	AHS 5A	AHS 5B	AHS 5C	AHS 5D
Battery	Single	**Single**	Dual	**Dual**
End-Tidal CO_2 $EtCO_2$	—	●	—	●
SpO_2	—	●	—	●
Wireless Comms	WIFI	**WIFI**	WIFI	**WIFI / 5G**
Compression Rate	100–120/min, continuous	**100–120/min, continuous**	100–120/min, continuous	**100–120/min, continuous**
Compression Depth	0–5.6cm, continuous	**0–5.6cm, continuous**	0–5.6cm, continuous	**0–5.6cm, continuous**
Modes	Continuous, 30:2, 15:2	**Continuous, 30:2, 15:2**	Continuous, 30:2, 15:2	**Continuous, 30:2, 15:2**
Data Storage	≥16GB, ≥10,000 events	**≥16GB, ≥10,000 events**	≥16GB, ≥10,000 events	**≥16GB, ≥10,000 events**
Max Compression Force	80kg	**80kg**	80kg	**80kg**

In short: the four models differ on two dimensions — battery (A / B single, C / D dual with non-stop swap) and gas monitoring (B / D add $EtCO_2$ & SpO_2); compression performance and storage are identical."—" not listed in the brochure; subject to registration certificate and user manual.

AHS 5 vs AHS 5P: Force & Gas Monitoring Differences

Dimension	AHS 5 Series	AHS 5P Series
Compression Force Monitoring	—	Peak / valley / peak-to-peak force, 0–80kg real-time
Real-Time Chest Recoil Feedback	—	●
Force-Depth Curve	—	●
Sternal Fracture Warning	—	●
Auto Recoil Pressure Adjustment	● During defibrillation & ventilation	● During defibrillation & ventilation
$EtCO_2$ Monitoring	—	● Select models, with trend graphs
SpO_2 Monitoring	—	● Select models, with trend graphs
Instant CCF Feedback & Trend Graph	●	●
Depth / Rate	0–5.6cm · 100–120/min, continuous	0–5.6cm · 100–120/min, continuous
Modes	Continuous, 30:2, 15:2	Continuous, 30:2, 15:2
Max Compression Force	80kg	80kg
Wireless / Storage	WIFI · ≥16GB, ≥10,000 events	WIFI / 5G · ≥16GB, ≥10,000 events

In short: identical compression performance, screen, battery and storage; AHS 5P adds compression-force monitoring and recoil feedback (with sternal-fracture warning); select models add $EtCO_2$ / SpO_2. "—" not listed in the brochure.

07

Feature Overview & Advantages

We review each series' features, then summarize shared strengths, differentiated advantages and a quick selection guide.

Summary Guide

MCPR 100 Series
Electro-pneumatic · Compression & ventilation in one · Page 36

AHS 200 Series
Electro-electric · Auto-synced compression & ventilation · Page 37

AHS 3000A1
3 rates × 3 depths · Dual-battery long runtime · Page 38

AHS 5 Series
Color-screen CCF · $EtCO_2$ & SpO_2 monitoring · Page 39

AHS 5P Series
Force monitoring · Recoil feedback · Fracture warning · Page 40

Advantages
Shared strengths · Differentiation matrix · Selection guide · Pages 41–43

MCPR 100 Series: Pneumatic Compression & Ventilation in One

Feature Overview

- **Compression + Ventilation**
  Electro-pneumatic; tidal volume 0–1500ml, live on 100C.
- **Precisely Adjustable**
  Rate 100/110/120/min; depth 0–7cm, continuously adjustable.
- **Open for Defibrillation**
  Dual-column arch keeps chest fully open for defibrillation.
- **Fast Intubation**
  Level backboard eases intubation; one-touch panel lock.
- **Environmental Tolerance**
  8+ hours battery, AC/DC; -40°C to +50°C, IPX4.
- **Certifications**
  Guangdong High-Tech Product; software upgrade services.



AHS 200 Series: Electro-Electric, Auto-Synced Ventilation

Feature Overview

- **Electric-Drive Control**
  Precise, stable rate and depth, unaffected by chest recoil.
- **Multi-Setting, Multi-Mode**
  Depth 3.6/4.6/5.6cm; four compression-ventilation modes.
- **Ventilation Sync**
  200B Bluetooth-links ventilator for auto-synced ventilation.
- **Decompression Recoil**
  Suction cup gives >5kg lift for active decompression recoil.
- **Power Assured**
  Dual batteries swap non-stop; vehicle/mains power, no gas.
- **Portable & Adaptable**



AHS 3000A1: 3 Rates × 3 Depths, Dual-Battery Runtime

Feature Overview

- **Three Rates**
  100 / 110 / 120 per minute, three settings; 1:1 release ratio.
- **Three Depths**
  3.6 / 4.6 / 5.6cm, three settings; 15:2, 30:2, continuous modes.
- **Dual Batteries**
  Over 120 minutes of runtime, non-stop swap; 2 lithium batteries included.
- **Wide Adaptability**
  Chest depth 13.3–30.3cm, width 47cm; not limited by body weight.
- **Reliable Anywhere**
  Operates -15°C to +60°C; main unit IP43, battery IP44.
- **Portable Kit**
  Under 7kg with battery; backboard with airway pad, backpack and suction cup included.



AHS 5 Series: Color-Screen CCF, $EtCO_2$ & SpO_2

Feature Overview

- **Color-Screen Feedback**
  3.5-inch color screen shows live compression data and CCF feedback.

- **Continuously Adjustable**
  Rate 100–120/min, depth 0–5.6cm continuously adjustable.

- **Auto Recoil**
  Auto-adjusts recoil pressure during defibrillation/ventilation.

- **Gas Monitoring**
  5B / 5D add $EtCO_2$ and SpO_2 monitoring with trend graphs.

- **Data & Battery**
  WIFI / 5G, ≥16GB storage; 5C / 5D dual batteries ≥130 min.

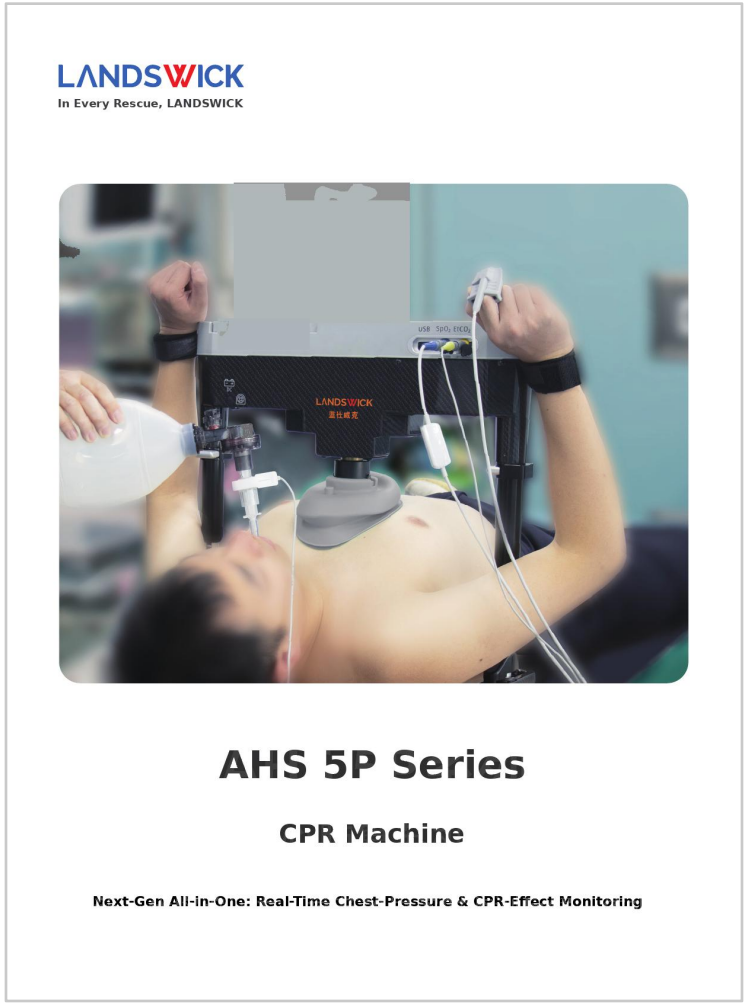
- **Portable & Extensible**
  Carbon-fiber body ≤7.0kg; riser adapters fit patients up to 150kg.



AHS 5P Series: Force Monitoring & CPR Feedback in One

Feature Overview

- **Force Monitoring**
  Peak / valley / peak-to-peak force, 0–80kg real-time.
- **Recoil Feedback**
  Recoil feedback, auto-adjusted during defib & ventilation.
- **Fracture Warning**
  Patented force monitoring flags changes in sternal resistance, reducing fracture risk.
- **Gas Monitoring**
  Select models offer $EtCO_2$ and SpO_2 monitoring with trend graphs.
- **CCF Statistics**
  Instant CCF feedback with statistics on interruptions and total compression time.
- **Connected Data**
  5G / WIFI auto-generates reports, powering CPR databases.



Shared Strengths: One Baseline Across Six Series

01 **Guideline-Compliant**

All series comply with the latest AHA 2020 Guidelines for CPR and ECC.

02 **Precise Compression**

Adjustable, stable rate and depth with multiple modes meeting high-quality CPR requirements.

03 **Portable Transport**

Under 7kg with battery and a carrying backpack; mounts on loading and transport stretchers.

04 **Power Assured**

Battery, vehicle and mains power options; many models swap dual batteries without stopping.

05 **Extreme Conditions**

Wide-temperature operation, water- and dust-resistant — pre-hospital, transport, plateau and field use.

06 **Safety Design**

Limit stops, depth-limit monitoring, anti-misoperation lock and battery alerts — layered protection.

Differentiated Strengths: One Series, One Solution

Series	Drive	Exclusive Monitoring / Features	Key Advantage
MCPR 100 Series	Electro-pneumatic	Tidal volume 0–1500ml, real-time monitoring (100C)	Compression + ventilation in one; open chest for defibrillation & intubation
AHS 200 Series	Electro-electric	Bluetooth ventilation sync (200B), suction cup	Auto-linked compression-ventilation for single-rescuer CPR
AHS 3000A1	Electro-electric	3 rates × 3 depths	Long-runtime compression platform, dual batteries >120 min
AHS 5 Series	Electro-electric	Color-screen CCF feedback, $EtCO_2$ / SpO_2 (5B/5D)	Visible compression data, traceable quality control
AHS 5P Series	Electro-electric	Force / recoil monitoring 0–80kg, fracture warning	Quantified CPR quality, powering CPR databases

Functions per each series' brochure and parameter table; full configurations on pages 3–34.

Quick Selection: Match the Series to Your Scenario

Scenario	Recommended Series
Compression and ventilation in one device	**MCPR 100 Series** Adjustable tidal volume, real-time monitoring on 100C
Pre-hospital single-rescuer CPR, auto-synced	**AHS 200 Series** 200B links to the ventilator via Bluetooth
Long transports needing dual-battery runtime	**AHS 3000A1 / AHS 5C / 5D** >120 min / ≥130 min
CCF-based quality control and reporting needed	**AHS 5 Series / AHS 5P Series** Color-screen feedback + USB export
$EtCO_2$ and SpO_2 monitoring needed	**AHS 5B / 5D, select 5P models** $EtCO_2$ + SpO_2 trend graphs
Force monitoring & research data needed	**AHS 5P Series** 0–80kg force monitoring + 5G connectivity

Compiled from each series' brochure for selection reference; configurations subject to registration certificate and user manual.

KEY TAKEAWAYS

In Every Rescue, LANDSWICK

Compression + ventilation in one — MCPR 100 Series (electro-pneumatic)

Portable electro-electric control — AHS 200 Series · AHS 3000A1

Connected data monitoring — AHS 5 Series · AHS 5P Series

Respect Life · Work Rigorously · Drive Innovation · Serve Humanity

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Product information subject to the registration certificate and user manual