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Healthier your life

Alnno L21

ELECTRIC
DOUBLE-ARM PENDANT

www.saikangmedical.com

SAIKANG / Medical®

Alno L21

WORKSPACES THAT
BRING HEALING,
CARE, AND COMFORT
INTO SYNC

ELECTRIC DOUBLE -ARM PENDANT

With the continuous improvement of medical levels, people pay more attention to efficient clinical workflow. SAIKANG innovation integrates high-end technology with ergonomic design.

It develops a new generation of medical supply unit Alno series, providing an efficient, easy-to-use and safe operating room and ICU room environment.

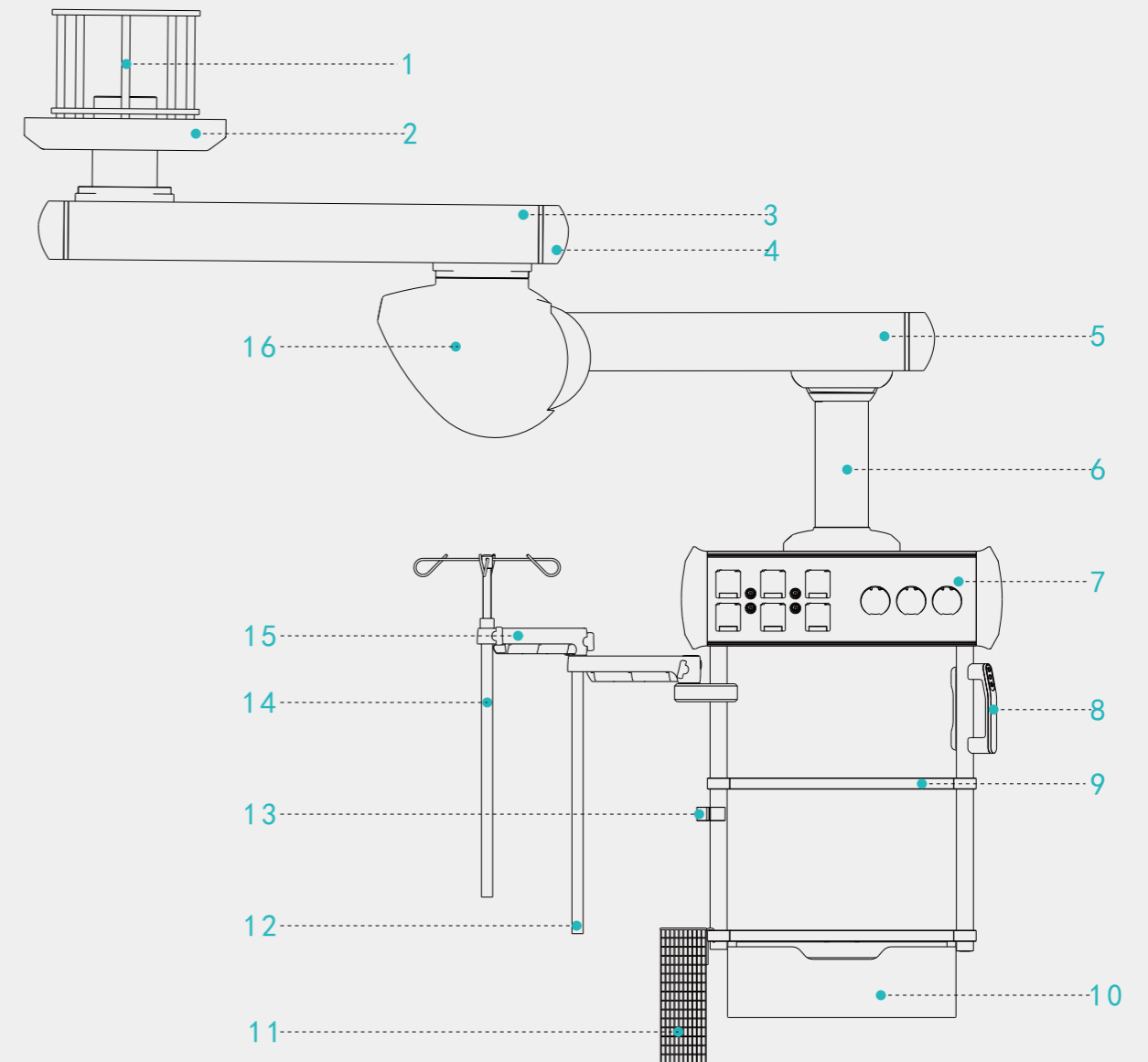
The Alno L2.0 electric dual-arm pendant features a lightweight and minimalist design, providing flexible operation and covering a larger treatment radius. It is compatible with various medical devices, saving space and enhancing operational efficiency in the operating room.



Suitable for emergency department,
operating room, and ICU

Utility Model Patent

PROFILE OVERVIEW



1. Mounting Bracket
2. Ceiling cover (connection flange)
3. Upper swivel arm
4. Upper swivel arm cover
5. Lower rotating lifting arm
6. Connecting rod

7. Functional
8. Control handle
9. Trays
10. Drawer with Tray
11. Stainless steel mesh basket
12. infusion pump mounting rod

13. Wire Harness Organizer
14. IV pole
15. Swivel arm
16. Electric lifting system

Appearance Design

The design is lightweight and simple, with flexible dual-arm that can be adjusted and positioned within a 1400mm range based on surgical and nursing needs. The overall sealed design has no sharp edges to prevent collisions while meeting hospital laminar flow requirements. The streamlined shape enhances safety.

Painting

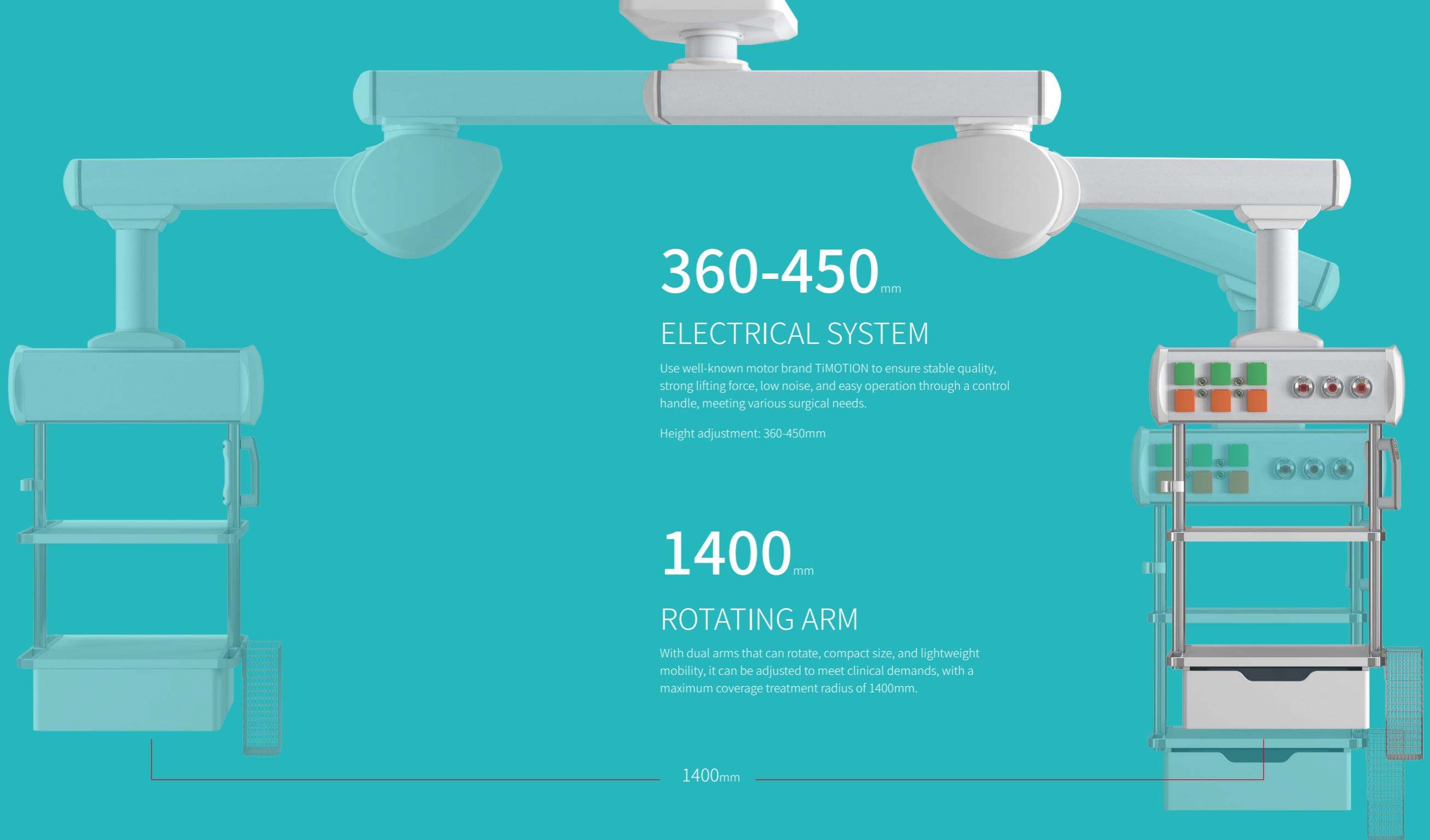
Utilizes imported Akzo antibacterial powder with electrostatic spraying. The tower has undergone neutral salt spray testing with a rating of ≥ 10 , ensuring durability and corrosion resistance.

Welding

Automated robotic welding provides 360° coverage.

Material

Made of 6 series high-strength aluminum alloy, processed to T6 grade. The tensile strength is $>275\text{MPa}$, and yield strength is $>230\text{MPa}$. The displacement under full load is $\leq 25\text{mm}$, with a net load capacity of $\geq 200\text{kg}$. One-step extrusion molding and primary oxidation treatment effectively reduce shaking and unstable factors, and improve accuracy and safety in use.



360-450_{mm}

ELECTRICAL SYSTEM

Use well-known motor brand TIMOTION to ensure stable quality, strong lifting force, low noise, and easy operation through a control handle, meeting various surgical needs.

Height adjustment: 360-450mm

1400_{mm}

ROTATING ARM

With dual arms that can rotate, compact size, and lightweight mobility, it can be adjusted to meet clinical demands, with a maximum coverage treatment radius of 1400mm.

1400mm

340°

SUSPENSION SYSTEM

Both the tower and arms can rotate 340°, with built-in limit devices to prevent drift.



MEDICAL GAS

Convenient storage

Waterproof, dustproof, and dirt-resistant design. The power terminal is made of one-piece ABS, available in orange and green to prevent misconnection. The gas terminal is transparently sealed with three status indicators (on, off, unplugged). The sockets can withstand over 20,000 insertions/removals and allow for gas maintenance.

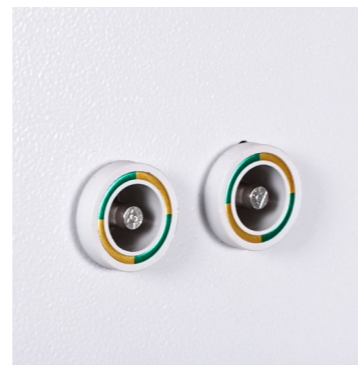


DETAILED PARAMETERS

Model	Alno L21
Operating power supply	AC220V, 50Hz
Input power	6KVA
Base length	400mm
Connection column length	600mm
Hanging arm length	(800mm-1000mm)+600mm
Height adjustment	360-450mm
Horizontal box length	600mm
Rotation angle	340°
Hanging bridge load-bearing capacity	150kg
Instrument platform load-bearing capacity	50kg
Protection class	IP20
Fire protection class	UL94-V0
Functional columns	1 pc
Rotary hanging arm	2 pcs
Damping brake	2 sets
Medical gas (O ²)	2 pcs
Medical gas (Suction)	2 pcs
Medical gas (AIR)	1 pc
Instrument platform	2 layers
Power outlets	8 pcs (220V/10A)
Equipotential grounding terminals	4pcs
Network interface RJ45	2 pcs
Drawers	1 pc
Telescopic IV stand	1 set

DRAWER

Silent self-priming slide rails remain smooth after 10,000 push-pull tests, built-in sensor drawer lights for easy use.



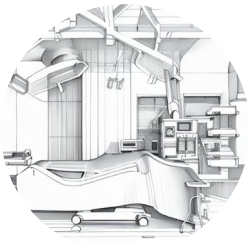
Reduces indirect contact voltage and potential differences between different metal components.

OPTIONAL ACCESSORIES

- Medical gas outlets: British standard, American standard, German standard, French standard, Japanese standard, etc.
- Different standards for medical gas outlets and adapters: British standard, French standard, German standard, Diss, Ohmeda, Chemetron, etc.
- Negative pressure regulating valve
- Network interface RJ45
- Basket – stainless steel basket
- Telescopic IV stand
- Extension arm
- Waste liquid collection device (external)



CONSTANT INNOVATION



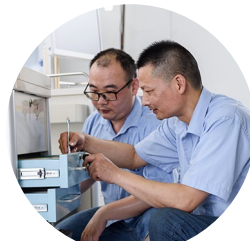
Design



Research



Manufacturing



Maintenance



Service

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Company video



General catalogue