



Operating Room Solutions

Amico

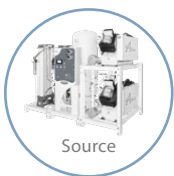
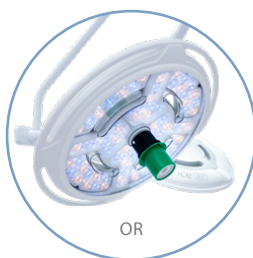
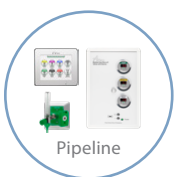
Amico



Amico in the OR

Amico Clinical Solutions creates state-of-the-art products to ensure the greatest possible clinical experience. Our second generation, iCE30m LED Surgical Lighting System brings the highest LED technology to the Operating Room.

The multi-color iCE30m surgical light is designed for superior shadow control and optimum light intensity, along with offering diverse color temperatures to accurately differentiate between tissues. The slim design and laminar flow openings promote airflow, allow for effortless maneuvering of the light, and is attached to a durable suspension system to eliminate drifting. The design was created with exceptional infection control features to prevent the spread of bacteria. Amico's PLP (Patient Lift Pendant) system can be integrated into the OR booms to assist clinical staff to safely reposition and transfer patients, ensuring the best possible outcomes in your OR.



Amico Group of Companies - One Point of Contact. One Total Solution.

ice 30^m LED Surgical Lighting System



Focusable Light Pattern & Ease of Maneuverability

multi
COLOR

multi
COLOR

- Superior multi-color LED lights (3500K - 5000K) at a maximum brightness of 160,000 lux



- Turn light ON and OFF with capacitive touch smart handle



- Adjust light BRIGHTNESS with capacitive touch smart handle

- Automated emergency light bypass ensures your light will work all the time, every time

- Exceptional shadow control

- Slim, light-weight, and easy to maneuver

- Aerodynamic design with laminar flow openings, allowing surgical smoke to rise above the field

- Endo lighting for minimally invasive surgery

- Seamless design allows for easy cleaning between surgical cases



Touch Sensor Control Handle



Multi-Color Options

multi
COLOR



Shadow Reduction



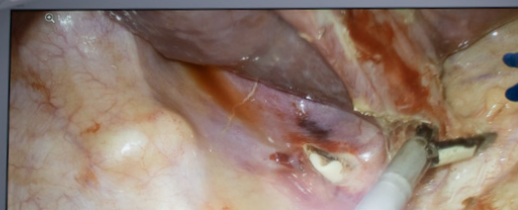
Control Light in the Sterile Field



Laminar Flow



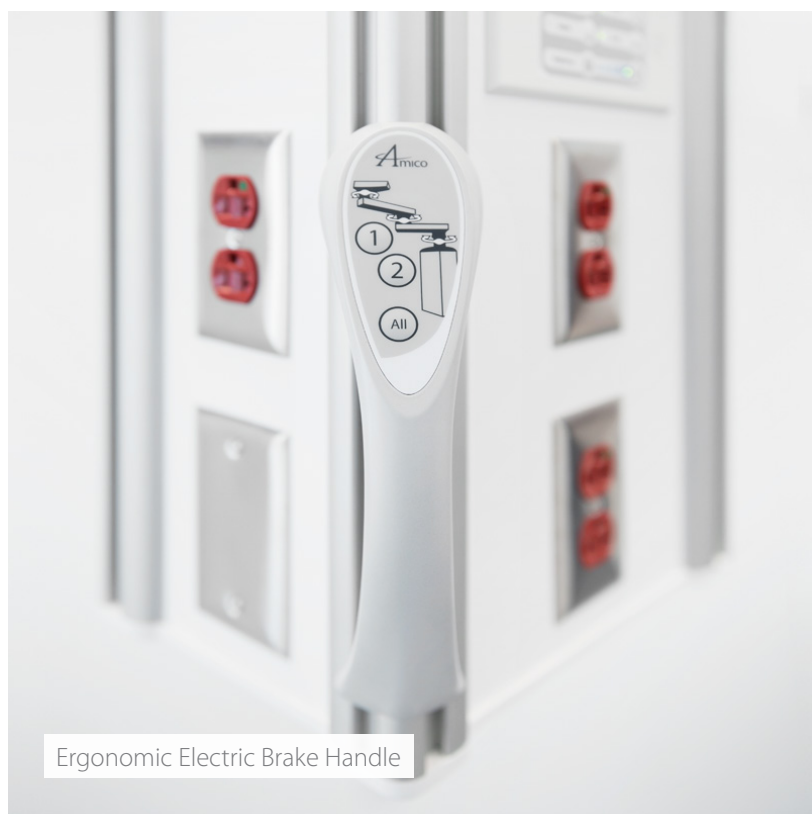
Built-in Emergency Backup



ice OR Booms



- 100% customizable consoles
- Intuitive electric braking system with built-in backup friction brake
- Eight integrated accessory rails on the console offer ultimate flexibility
- Seamless designed top cap allows for easy cleaning between cases
- Concealed hinged back door allows for easy maintenance
- Vertical boom arm with optional big screen monitor, ranging from 50" to 60"
- Adjustable shelves available in multiple sizes
- Integrated electric brake control option on shelves
- Optional LED night light available at the bottom of the boom console





ORs Customized for You



Anesthesia Boom with Monitor



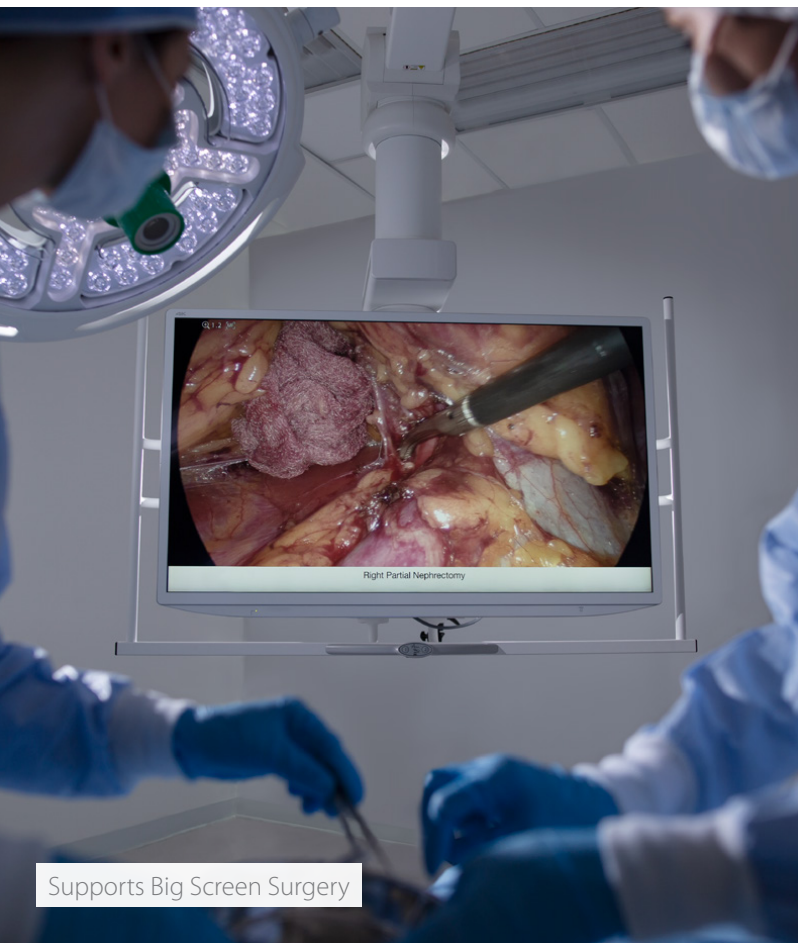
Equipment Shelves

Video Integration/4K Camera Wireless System



Integrated HD Camera

- Low latency (<300ms) Wireless system
- Integrated in-light 4K camera
- Wall-mounted touch screen interface control
- 12x digital zoom, 20x optical zoom and 30x super resolution zoom
- Built-in image stabilizer function
- Advanced noise reduction technology
- 8,510,000-pixel resolution
- Big screen surgery
- Vertical articulating arms
- Monitor mount with greater than 360° rotation
- Single and dual monitor holder options
- Endoscopy mode for laparoscopic surgery
- Downgradable to HD Camera



Supports Big Screen Surgery



Electric Brake Handle



Single/Dual Monitor Mounts



Operating Room



Hybrid Room



Operating Room

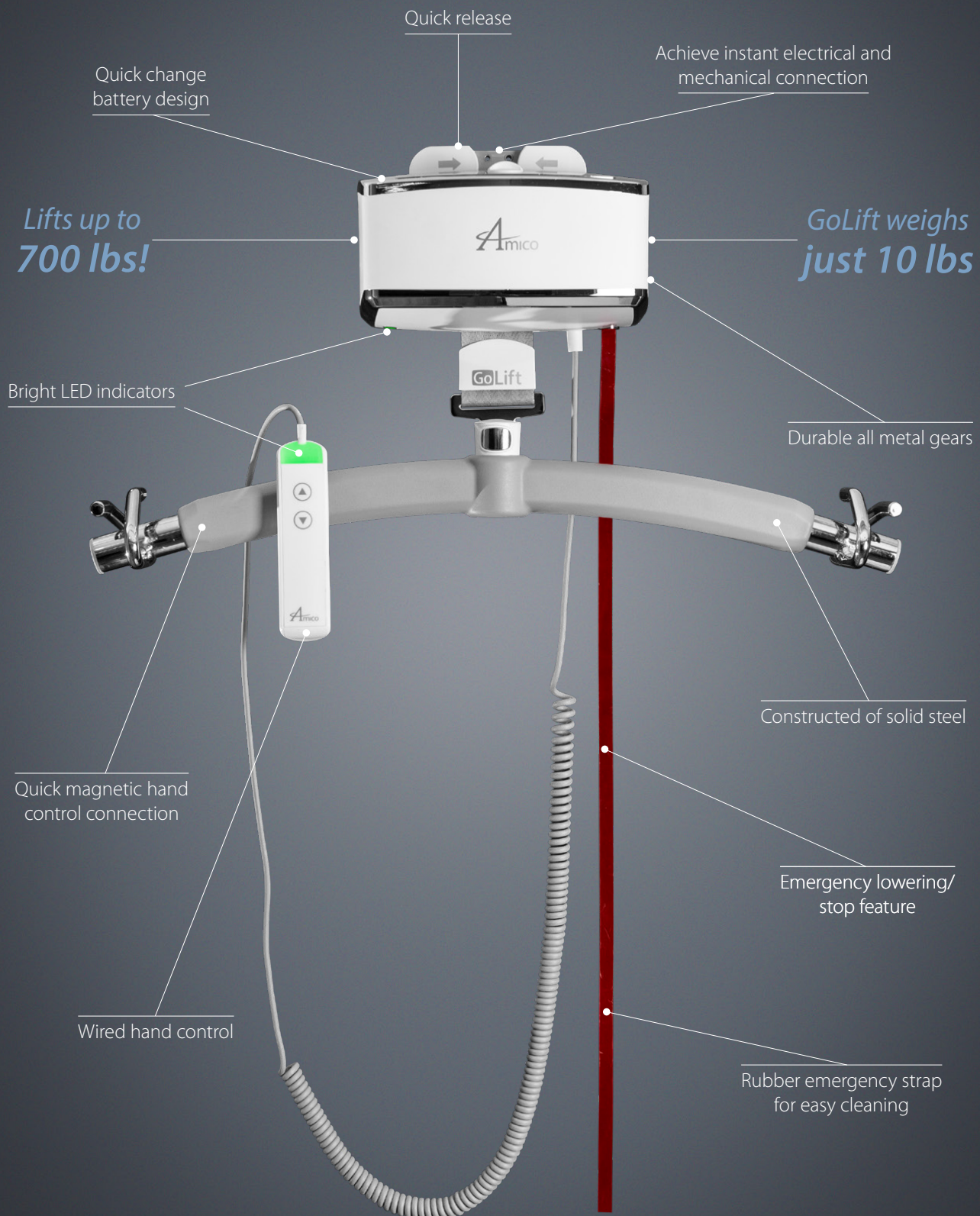
GoLift in the Operating Room

Patient Lift Pendant (PLP)





Anatomy of the **GoLift**



- The World's Smallest 700 lb Patient Lift
- Weighs less than 10 lbs
- Wired hand control
- Emergency stop
- Emergency lowering device
- Upper and lower limit detection
- Free fall brake
- LED indicators
- Sterile disposable covers available
- Seamless design allows for easy cleaning
- Disposable and reusable slings available



Smallest Lift in the Market



Durability and Strength



Serviceability Made Simple

Equipment Transport System (ETS)



No Lift Transport System

- Effortless transport of IV and pump equipment
- Unique base design for easy transport and storage
- Integrated power bar
- Bed dock
- Console dock
- Cord wrap
- Roll stand
- Height adjustable with foot pedal
- Down release button
- Safety lock
- Cable management
- Height adjustable IV poles



Boom to Roll Stand



Stacking Roll Stand



Boom to ICU Bed

Benefits to the BioMed



Easily Accessible Circuit Board



- Energy efficient
- Easily accessible circuit board for maintenance, located in the control panel
- Automated emergency light bypass provides guaranteed up-time
- L70>60,000 hrs LED life cycle
- Replace LEDs individually
- Easily adjust spring arm tension
- Reliable electric brake system is easily accessible without taking down boom arm
- Concealed hinged back door for easy maintenance of the boom



Adjust Spring Arm Tension



Concealed Hinged Back Door



Replace LEDs Individually

ice 30^m LED OR Configurations

With so many configuration options to choose from, you can customize your Operating Room to maximize space and create a more efficient work environment.



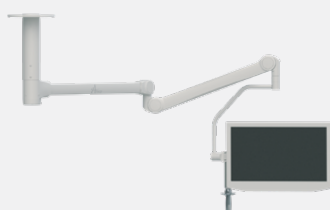
SERIES 1 Single mount, single light



SERIES 1 Single mount, dual lights



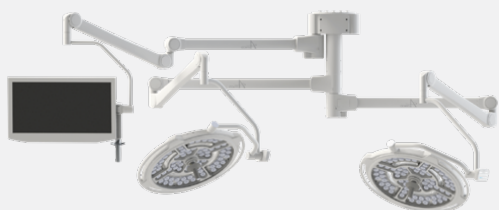
SERIES 1 Single mount, 32" monitor



SERIES 1 Single mount, single light, 32" monitor



SERIES 3 Triple: Dual lights, 32" monitor on satellite



SERIES 3 Quad: Dual lights 32" monitor, 32" monitor on satellite



Surgical Light Specifications

ice 30^m LED



mira 50^k 65^k 90^k



Performance	Units	Value
Lighthead Diameter	in (cm)	30 (76)
Light Intensity (Central Luminance)	lx (fc)	160,000 (14,870)
Brightness Control	%	50 - 100 (5% in Endo Mode)
Light Field Diameter	in (cm)	7.6 - 12 (19 - 31) ¹
Depth of Illumination (L1+L2) at 60%	in (cm)	16.8 (42.7)
Color Rendering Index (Ra)		97 ²
R9		>90
R13		>97 ²
Color Temperature	K	3500/4000/4500/5000 ³
Shadow Dilution		
Single Mask	%	63
Double Mask	%	52
Cavity	%	99
Single Mask with Cavity	%	61
Double Mask with Cavity	%	50
Number of LEDs (main)		80
Number of Other LEDs		320
LED Service Life	hours	L70>60,000
Total Radiant Power at Max Intensity	W/m ²	515
Power Consumption at Lighthead	w @ 24 VDC	50
Electricity (VAC)		Universal VAC
Emergency Bypass		Yes
Mounting Options		Ceiling/Wall/Mobile Stand
Certificates		TUV, FDA

All tests conducted per 60601-2-41 standard • ¹LFD has a tolerance of 5% • ²CRI has a tolerance of 2.5%
³CCT has a tolerance of 15%

Minor Surgery and Diagnostic LED Light

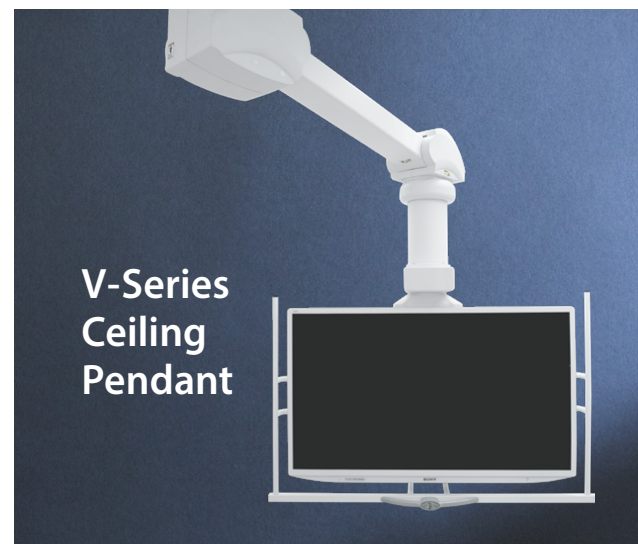
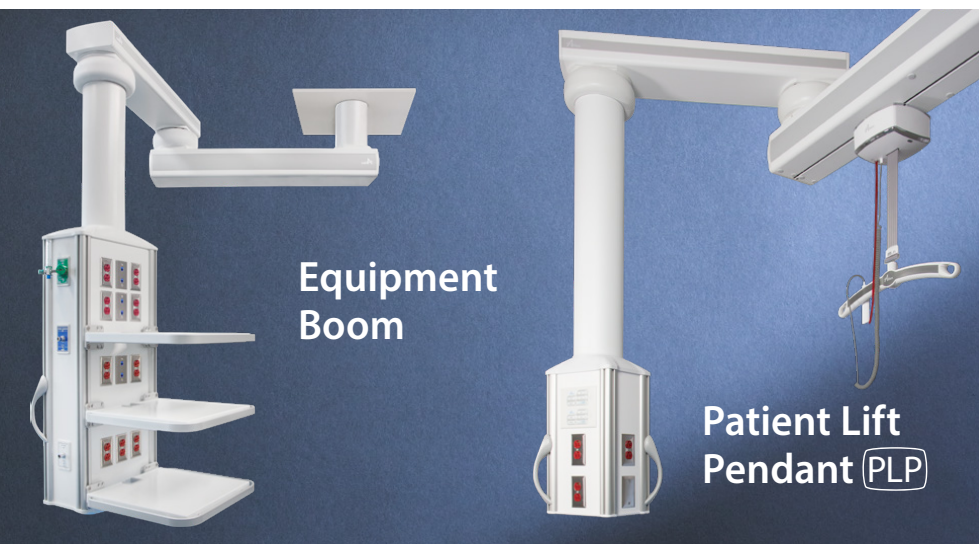
The Mira's precisely positioned LEDs allow for superior shadow control, depth of field and light intensity.

The Mira LED offers a CRI of 95+ and a color temperature of 4500K. This light comes in 50,000, 65,000 and 90,000 lux options.

Visit www.amico.com for more information.



ice Boom/**PLP** Specifications



Arm Lengths

800 mm, 1,000 mm, 1,200 mm, 1,400 mm

Console Heights

20" to 60"

Sizes

12.5"x9" / 14"x12.5" / 18"x12.5" / 18"x9"

Rotation

Up to 340°

Capacity

Up to 1,800 lbs

Rails

Eight (8) rails for mounting accessories

Shelves

Up to six (6) shelves

Shelf Weight Rating

Up to 150 lbs

Drawers

Up to two (2) drawers mounted per shelf
Drawer weight rating: up to 15 lbs

Integrated Patient Lift

Up to 1,000 lbs lifting capacity

The Electric Brake:

Input Voltage

100 - 240 VAC

Power Consumption

Ceiling and Adapter Bearing: 200 W
Console Bearing: 80 W

Switch Operation

Momentary

Braking System

Brake switches are provided on the ergonomic control handle and on the console along with a simplified operation diagram

Brake Type

Spring actuated friction brake

Torque

520 lbs-in

Vertical Range

+/- 22.5° from horizontal

Rotation Capability

340°

Max Pay Load

90 kg

Input Voltage

120 - 240 VAC



GoLift Specifications



Three GoLift Weight Capacities

GoLift400

Single Lift
GO-LIFT-400
Lift Up to
400 lbs / 181 kg

GoLift700

Single Lift
GO-LIFT-700
Lift Up to
700 lbs / 318 kg

GoLift1000

Tandem Lifts
GO-LIFT-1000
Lift Up to
1000 lbs / 454 kg



Maximum Lifting Speed

No load: 2 inches/second
GoLift400: 1 inch/second
GoLift700: 1 inch/second
GoLift1000: 1 inch/second

Unit Weight

GoLift400: 10 lbs (4.5 kg)
GoLift700: 10 lbs (4.5 kg)
GoLift1000: 20 lbs (9 kg) (Tandem Lifts)

Safe Working Load (SWL)

GoLift400: 400 lbs (181 kg)
GoLift700: 700 lbs (318 kg)
GoLift1000: 1000 lbs (454 kg)

Dimensions

GoLift400 / GoLift700:
• Length: 7.75" (196.8 mm)
• Width: 7.75" (196.8 mm)
• Height: 4.25" (107.9 mm)
• Strap Length: 84" (2133.6 mm)

GoLift1000:

• Length: 15.5" (393.7 mm)
• Width: 7.75" (196.8 mm)
• Height: 4.25" (107.9 mm)
• Strap Length: 84" (2133.6 mm)

Number of Lifts per Charge (Duty: 10/90)

25% of Strap at Midrange¹:
• 375 with 185 lbs (84 kg)
• 170 with 400 lbs (181 kg)
• 102 with 700 lbs (318 kg)
• 140 with 1000 lbs (454 kg)
Charging Time: 2-4 hours
¹Calculated using 5Ah Packs

Lift Case

Flame Retardant ABS

Batteries

High Capacity, Nickel Metal Hydride (NiMH)
Standard: 2x 14.4V (3.3Ah)
Optional: 2x 14.4V (5Ah)

Battery Charger:

Input: 100-240V AC
Output: 36V DC, 1.0A, 40W

Hand Control

Protection Class: IPX4

Maximum Sound Level

<55 dB

Expected Service Life

10 years or 22,500 cycles

Safety

Emergency Stop
Emergency Lowering Device
Upper Limit Detection
Lower Limit Detection
Slack Tape Sensor
Free Fall Brake (over speed governor)
Low Battery and Dead Battery Alarms
Soft Start and Stop
Overload Protection
Emergency Manual Lowering

Approvals

Certified to: CAN/CSA-C22.2 No 60601-1:08, UL 60601-1:08
Tested to: ISO 10535-06, CE





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