Operating Room Solutions

Amico

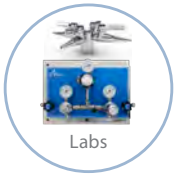
Amico in the OR

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.

Pipeline

Architectural


Labs

Accessories

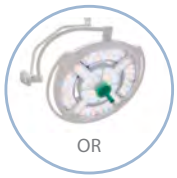
Source

ICU Booms

Patient Care

Beds

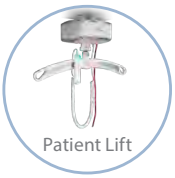
Lights


OR

Diagnostic

SOT

Interiors


Patient Lift

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

ice 30m LED Surgical Lighting System

- multi COLOR • Superior multi-color LED lights (3,500K-5,000K) 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

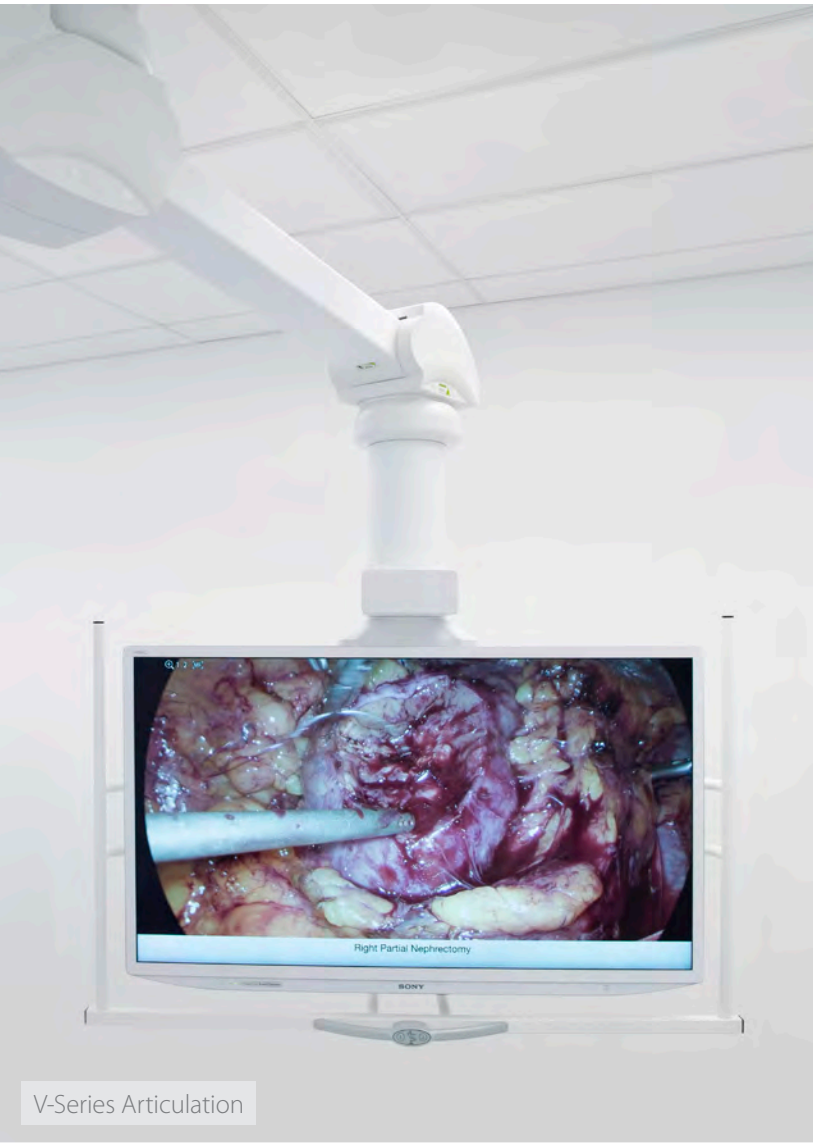
Shadow Reduction

Control Light in the Sterile Field

Laminar Flow

Built-in Emergency Backup

ice OR Booms



V-Series Articulation

- 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

Easy to Navigate in the OR

Ergonomic Electric Brake Handle

ORs Customized for You

Anesthesia Boom with Monitor

Equipment Shelves

Video Integration / HD Camera

Integrated HD Camera

- Network ready
- Integrated in-light HD camera
- Camera control box
- 10x optical and 12x digital zoom
- Ultra smooth 60 frames per second
- 2,380,000-pixel resolution
- 10 mm to 800 mm working distance
- Big screen surgery
- Vertical articulating arms
- New monitor mount with greater than 360° rotation
- Single and dual monitor holder options
- Endoscopy mode for laparoscopic surgery
- Neutral integration vendors

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

PLP Inside the Surgical Field

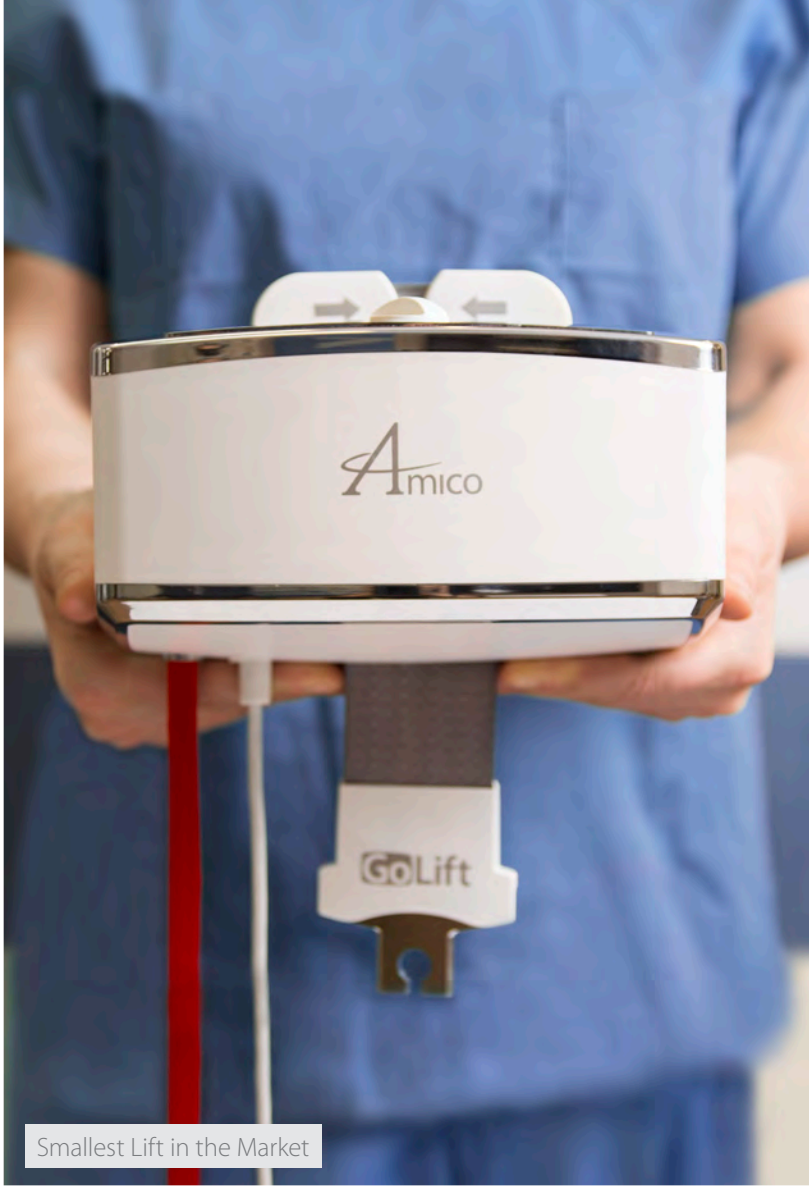
PLP Outside the Surgical Field

Reduced Risk of Injury to Patients and Caregivers

GoLift
Amico

Anatomy of the GoLift

- The World's Smallest 700 lb Patient Lift
- Weighs less than 10 lbs
- Capacitive touch 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 docker
- Console docker
- 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
- 50,000 hour 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

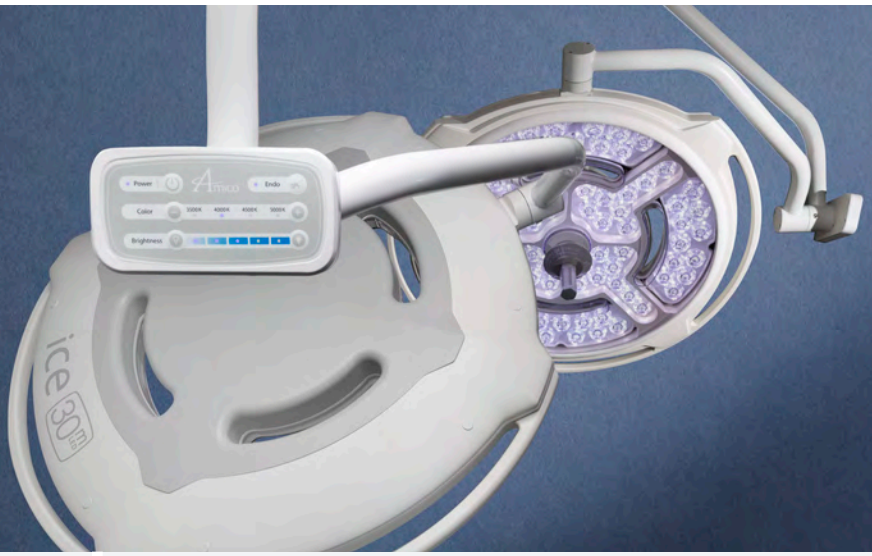
Concealed Hinged Back Door

Replace LEDs Individually

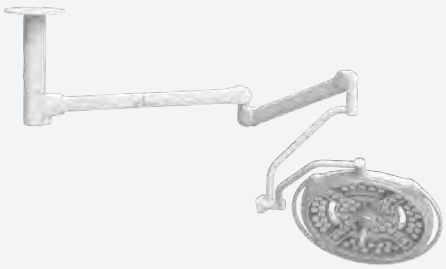
ice 30m LED OR Configurations

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

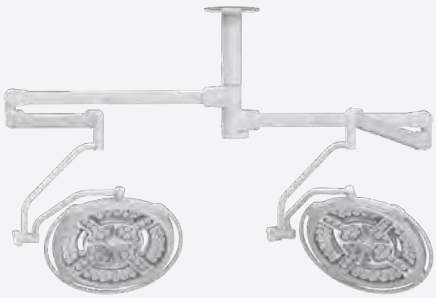
Visit Amico's **3D Configurator**
www.amico.com/3Dconfigurator



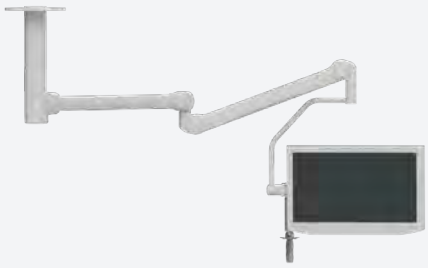
SERIES 1 Single mount, single light



SERIES 1 Single mount, double light



SERIES 1 Single mount monitor with 32" Sony monitor



SERIES 1 Single mount triple arm with 32" Sony monitor

SERIES 3 Triple Dual Lights on main,
32" Sony monitor on satellite

SERIES 3 Quad Dual light, 32" Sony monitor on main,
32" Sony monitor on satellite

Surgical Light Specifications

Performance	Units	160,000
Lighthead Diameter	in (cm)	30 (76)
Light Intensity (Central Luminance)	lx (fc)	160,000 (14,870)
Brightness Control	%	5 - 100
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	3,500/4,000/4,500/5,000[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	50,000
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 • [1]LFD has a tolerance of 5% • [2]CRI has a tolerance of 2.5% • [3]CCT has a tolerance of 15%

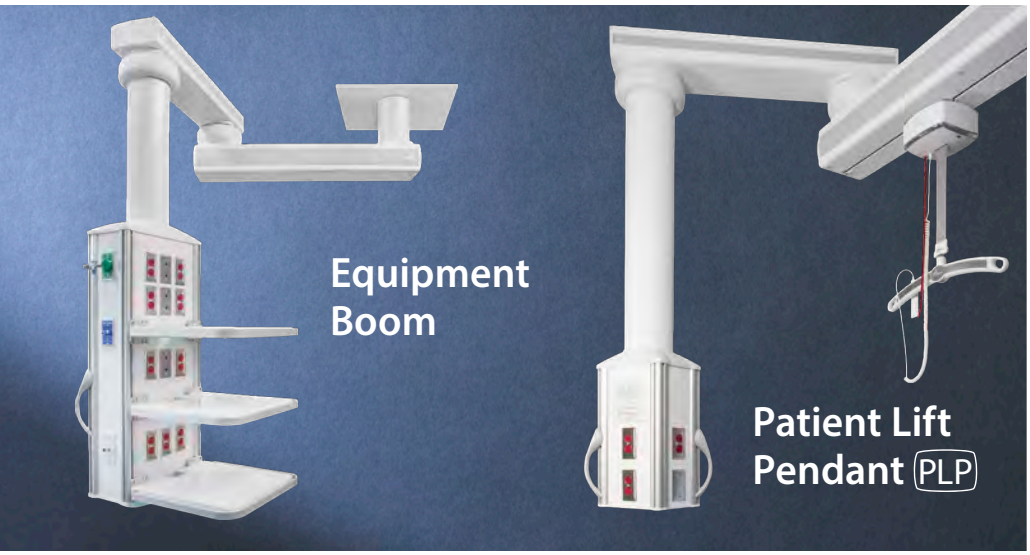
Minor Surgery and Diagnostic LED Light

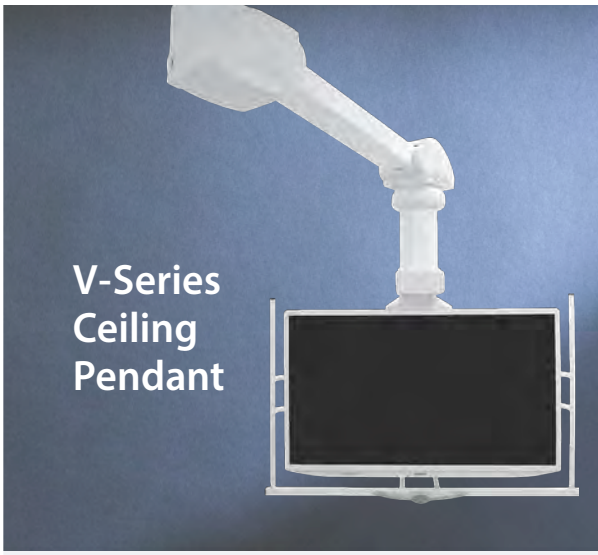
The Mira's precisely positioned LEDs allow for superior shadow control, depth of field and light intensity.

The Mira LED offers a CRI of 95+, 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
800mm, 1000mm, 1200mm, 1400mm

Console Heights
20" to 60"

Sizes
12.5" x 9" / 14" x 12.5" / 18" x 12.5" / 18" x 9"

Rotation
Up to 340°

Capacity
Up to 1800 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 1000 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

ETL CLASSIFIED Intertek FDA 5 YEAR warranty MADE IN NORTH AMERICA

GoLift Specifications

Three GoLift Weight Capacities

GoLift 400	Single Lift GO-LIFT-400	Lift Up to 400 lbs / 181 kg
GoLift 700	Single Lift GO-LIFT-700	Lift Up to 700 lbs / 318 kg
GoLift 1000	Tandem Lifts GO-LIFT-1000	Lift Up to 1000 lbs / 454 kg

Safe Working Load (SWL)
400 lbs / 181 kg
700 lbs / 318 kg
1000 lbs / 454 kg

Dimensions
400 & 700 lbs / 181 & 318 kg:
- Length: 7 ¾" / 197 mm
- Width: 7 ¾" / 197 mm
- Height: 4 ¼" / 108 mm
- Strap Length: 84" / 2134 mm

1000 lbs / 454 kg:
- Length: 15 ½" / 394 mm
- Width: 7 ¾" / 197 mm
- Height: 4 ¼" / 108 mm
- Strap Length: 84" / 2134 mm

Unit Weight
400 lb / 181 kg version: 8 lbs / 4 kg
700 lb / 318 kg version: 10 lbs / 5 kg
1000 lb / 454 kg version: 20 lbs / 9 kg *(Tandem Lifts)*

Lift Case
Flame retardant ABS

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

Hand Control
Capacitive Touch
Protection Class: IPX0

Service Life
10 years or 22,500 cycles

Maximum Sound Level
<55 dB

Maximum Lifting Speed
No load: 2 inches/second
150 lbs / 68 kg: 1.3 inches/second
400 lbs / 181 kg: 1 inch/second
700 lbs / 318 kg: 1 inch/second
1000 lbs / 454 kg: 1 inch/second

Batteries
High Capacity, Nickel Metal Hydride (Ni-Mh)
Standard: 2 x 14.4V (2Ah)
Optional: 2 x 14.4V (3.3Ah) or (5Ah)

Battery Charger
100-240 VAC 40 Watt

Number of Lifts per Charge (Duty: 10/90)
25% of strap at midrange[1]:
- 375 with 185 lbs / 84 kg
- 170 with 400 lbs / 181 kg
- 102 with 700 lbs / 318 kg

Charging time: 2 - 4 hours

[1] *Calculated using 5Ah Packs*

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