



## LIGHTS, BOOMS AND INTEGRATION

### PRODUCT OVERVIEW BROCHURE





We're here for life

#### Leaders in:



Operating tables and accessories



**Lights, booms and integration**



Clinical stainless steel furniture



At risk patient protection products



Clinical consumables

## LIGHTS, BOOMS AND INTEGRATION SOLUTIONS

Drawing on over three decades of experience, working side-by-side with all stakeholders throughout Australian healthcare facilities, Hipac is truly committed to delivering exceptional projects, both large and small, in view of improving patient outcomes nationally.

Our industry leading range of lights, booms and digital integration products are carefully selected from a host of globally recognised OEM vendors, ensuring that only the most trusted solutions are delivered to our partner facilities.

Our commitment to delivering all projects to the highest standard shines through in the training and guidance provided to our team of Product Specialists. Full responsibility and accountability is taken by our strategically assigned personnel, meaning your project is carefully managed by one point of contact from beginning to end. This ensures that no critical details are overlooked, and that you are always only ever one phone call away from your next detailed project update.





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# Examination Lighting

## Small, Efficient, Powerful Illumination

Hipac's range of examination lighting provides superior illumination for a wide variety of clinical settings. Utilising industry leading technology, Hipac ensures that medical practitioners get the illumination they require from a device with a minimal footprint.

Specialising in the delivery of low maintenance mobile, ceiling, wall and boom mounted configurations, Hipac has a full spectrum of solutions, from the Emergency Department right through to Hybrid Operating Suites. Sourcing only the highest quality equipment from our rigorously vetted suppliers, our range has an option for every application, so you can be assured that one or more of our examination lighting products will be fit-for-purpose for your project.

### Aselight 50



- Light output of 50,000 Lux at 1000 mm
- Colour temperature of 4500K
- CRI of 97
- 280 mm max light field diameter
- Stand, Ceiling or Wall mounted
- Over 70,000 hours LED life
- Robust metal housing
- Adjustable light field diameter
- Can be dimmed using touch panel or the integrated touch free sensor



### Spectra



- Light output of 51,000 Lux at 1000 mm
- CRI of 96
- Colour temperature of 4300K
- Stand, Ceiling, Wall or Boom mounted
- Over 40,000 hours LED life
- Optional sterilisable handle
- More and better directed light through VSRD [Vertically Segmented Reflector Design]
- Suspended LEDs, reduce heat at examination site



Energy Efficient



Vertically Segmented Reflector Design



Suspended LED System





## Lucina 4 - Birthing Suite Lights

Introducing the Lucina 4, a unique lighting option for the modern birthing room. Lucina 4's recessed installation removes the requirement for low hanging suspension arms providing for a safer, more relaxed environment for expecting mothers and staff.

With the use of the battery powered positioning wand, midwives, doctors and nursing staff can easily achieve the desired lighting conditions without leaving the patient's side. This allows for staff to be more attentive to the task at hand, leading to improved patient outcomes within the maternity ward.

Lucina 4 lights are recessed into the ceiling helping to assist with normalisation within the maternity suite. They can also be used in hybrid ORs and other rooms where ceiling space is at a premium.



- Fully Recessed 609 mm square fixture
- Angled up to 47° for superior illumination
- Unique LED strobe-guided positioning wand
- Long lasting LEDs
- Wall control with On/Off and intensity touchpad and positioning buttons
- Available with between one and four lights per wall control



Convenient positioning through wireless, hand-held controller



Recessed ceiling installation for improved room aesthetics



Control via both wall and IR Remote



LED Strobe-Guided Accuracy



Fully Recessed Design



28,320 Lux

## Surgical Lighting Leadership

Hipac's surgical lighting solutions utilise unique, patented design features and industry leading shadow minimisation technologies to ensure optimal lighting conditions. Supported by an Australia wide network of service technicians, you can be assured to never be left with the lights out when they are needed most - during complex, life saving surgery.

### Aurora Astro - Minor Procedure Lighting



- Light output of 126,000 Lux +/- 5000 Lux
- CRI of 97
- Colour temperature of 4141K
- 445 mm lighthead diameter
- 182 mm light field diameter
- 1168 mm depth of field
- 360° rotation on all axes



Sterile  
Intensity  
Control



Colour  
Correct  
Light

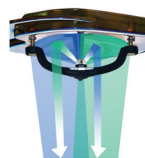


Vertically  
Segmented  
Reflector  
Design

### Stellar XL



- Light output of 160,000 Lux per lighthead
- CRI of 95
- 609 mm diameter lighthead
- 176 mm light field diameter
- 685 mm range of total focusable depth
- 360° rotation on all axes



True Focus  
Adjustment



Vertically  
Segmented  
Reflector  
Design



Suspended  
LED System

### DoVera



- Light output of 160,000 Lux per lighthead
- CRI of 96
- Colour Temperature Range 3,800 - 4,000 - 4,200 - 4,400 - 4,600 - 4,800 - 5,000
- 520 mm lighthead diameter
- 279 mm light field diameter
- 360° rotation at arm, 330° rotation at lighthead. Dual yoke provides additional 310° lighthead rotation



Double  
Reflection  
Technology



No Glare



Personalised  
Lighting



## Aurora 4



- Light output of 160,000 Lux per lighthead
- CRI of 96
- Adjustable colour temperature of 4100K or 4500K to assist surgical team in differentiating tissue type
- 609 mm or 762 mm diameter lightheads
- 175 mm light field diameter
- 1130 mm depth of field
- 360° of rotation on all axis
- 5 adjustable intensity settings
- Lightheads can be placed further away from the patient, opening up line-of-sight and reducing accidental contact with the fixture
- Surgeon control via sterile intensity and focus adjustment on the centre sterile handle
- More and better directed light through VSRD [Vertically Segmented Reflector Design]
- Suspended LEDs, reduce heat at examination site



True Focus Adjustment



Vertically Segmented Reflector Design



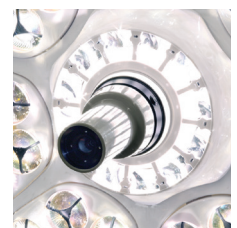
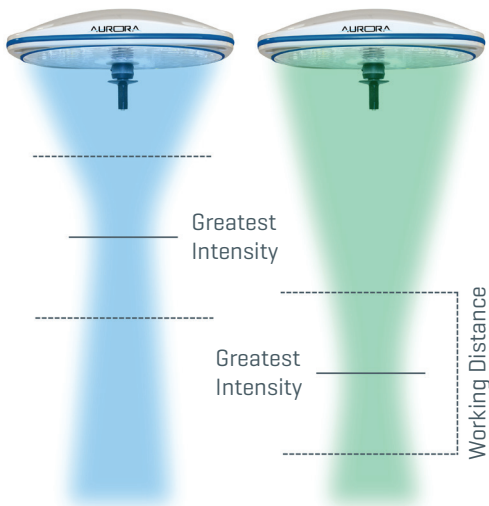
Selectable Colour Temperature



Colour temperature of 4500K illuminates orthopaedic sites with bright, white light.



Colour temperature of 4100K illuminates deep tissue with soft, white light.



Optional Precision HD Camera System

## What is a Medical Services Pendant?

Medical Services Pendants, also known as Booms, are one of the most important pieces of equipment within the operating theatre, which ensure efficient use of space to provide staff with a method of transporting required medical services to the patient quickly and effectively.

Traditionally, staff have been required to run hoses and cables across the floor to power the tools they use each day in the pursuit of improved patient outcomes. This approach creates many issues, including trip hazards for staff, decreased theatre usability from unintended “no-walk” zones, and the need to install equipment on mobile trolleys which require storage outside of the theatre after each procedure.

Medical Services Pendants address all of these issues by relocating the necessary electrical, gas, audio visual and data services from their usual wall panel to the pendant carrier unit, which can be moved around the theatre and positioned in close proximity to the surgeon, anaesthetist and patient.

This carrier is suspended from the ceiling via one or two rotating arms allowing the required services to be brought right to the area of work. This allows for maximum configurability of the operating theatre and provides the staff unhindered access around the room, without the risk of injury to themselves or others.

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## The Hipac Difference

Drawing on over three decades of experience, working side-by-side with clinical staff within the surgical suite, Hipac is truly committed to delivering exceptional solutions, with tangible, improved space and workflow designs.

The Hipac range of Medical Services Pendants are recognised among the best in the world. A strong and long lasting strategic partnership with USA based manufacturer Skytron allows Hipac to ensure that our partnering facilities achieve the best clinical outcomes, through leveraging access to global thought leaders who are consistently pursuing and contributing to international best practice in the operating theatre environment.

Every Hipac project is delivered to the highest of standards, through a strict adherence to an ISO 9001:2015 quality management system. Projects are carefully managed from beginning to end, by one point of contact ensuring clients always have a clear line of communication and that predetermined outcomes are achieved in line with expectations.





## Skytron Ergon 3 Pendant Systems



- Skytron Exclusive Central Tandem Mount allows positioning of up to 4 arms including equipment carrier, flat-screen displays and lights anywhere around the patient
- Single mount saves on construction expense and reduces structural slab penetrations
- Eliminate rotational conflicts resulting from side-by-side mounts
- Button-free, friction braking system reduces maintenance costs and drift
- Center-aligned carriers minimise the rotational footprint ensuring more space around the equipment
- 330° rotation on boom axis
- Hundreds of configuration options to meet any specification



## What is Digital Integration?

Digital Integration is an innovative combination of software and hardware technology, which allows facilities to connect their equipment, applications and information systems together to achieve faster, more streamlined and ultimately improved patient outcomes. The ability to create an interconnected facility allows caregivers from all departments of the healthcare facility to have access to, and share critical patient data at the click of a button.

Traditionally, facilities would use paper filing systems, x-ray light viewers and other aging processes to allow staff to fulfill their responsibilities. With the introduction of digital integration within the operating theatre, clinicians now have the ability to route images and video to multiple screens, stream surgeries to outside surgical consultants, retrieve and send images to the radiology department and locate and update patient records all from the one screen in the operating theatre.

## Why Hipac Integration?

Simplicity is at the core of Hipac's range of integration systems, ensuring that clinical staff of all technological abilities can operate any of our installed systems. Building on this concept of simplicity is the desire to offer each facility only the features they need at the time, through modular functionality. This allows facilities to add components as required to adapt to clinical advancements, that are happening at an ever-increasing pace in a rapidly developing digital age.

## Skytron - Same Day Series



- 22"/559 mm medical-grade touchscreen control
- Select and route up to 10 video sources to up to 4 displays
- Built in source preview window
- Compact system can be boom or NDS mounted
- Optional room audio and wireless microphones
- Optional integrated capture and streaming system



## Skytron - Linx 300



- 22"/559 mm medical-grade touchscreen control
- Route up to 16 inputs to 6-12 outputs
- Integrated content media management system
- Fully fiber optic cabling provides greater signal quality
- Real-Time collaboration and streaming with multiple locations
- Instant access to resources from pathology, radiology etc
- Archive and store resources seamlessly to your facilities central storage



Intuitive  
Interface



Flexible  
Application



Vendor  
Neutral



## OR Cockpit - Visual Management Solution



- Integrates data from EMR e.g. Cerner, EPIC, major OR equipment and systems.
- Validates and interprets that data and displays essential information to the clinical staff.
- Provides your protocol visibility to ensure patient safety and compliance.
- Staff can be alerted when a set parameter is broken or the status of a certain patient safety protocol is in place for a given procedure e.g. specific allergies.
- Use of real-time analytics, monitoring, and reporting allows staff to continuously develop and improve their quality of care and patient safety.



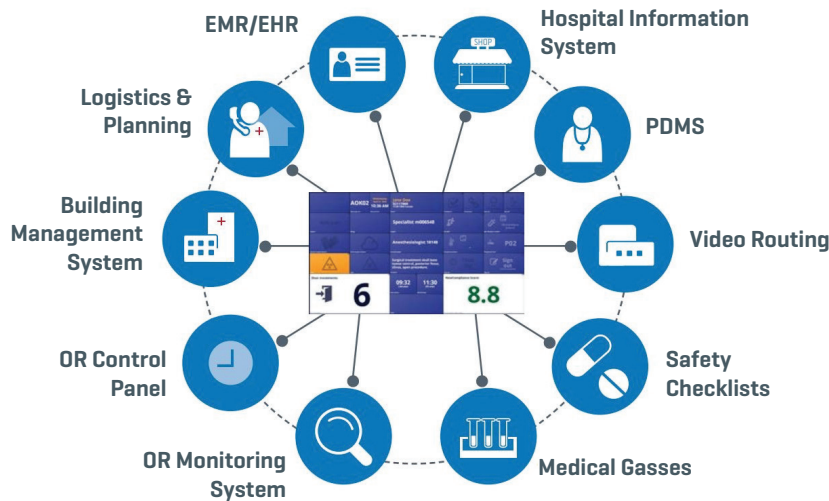
Real-Time  
Smart  
Information



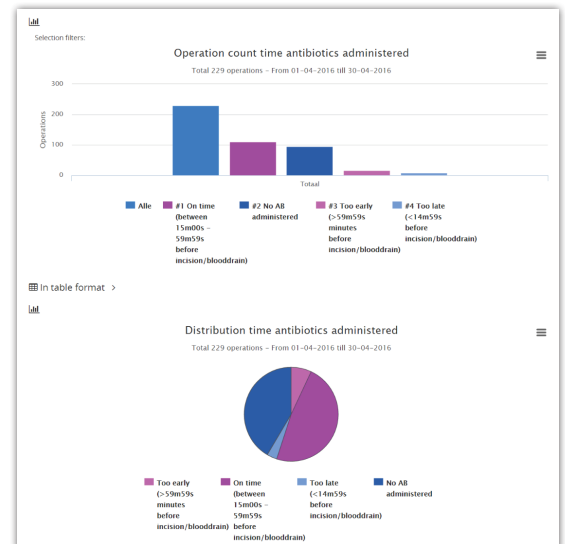
Safety  
Protocol  
Compliance



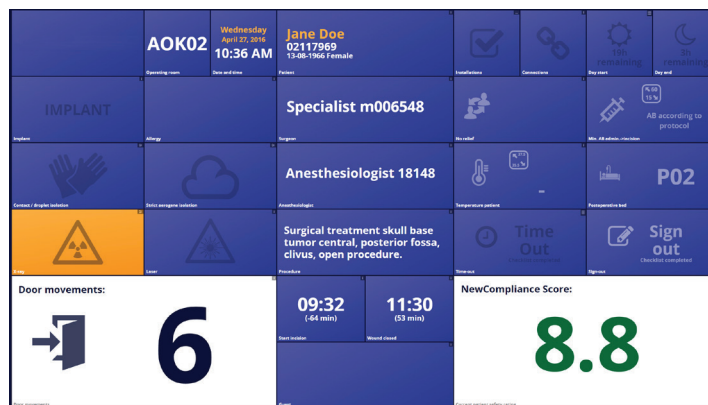
Monitoring &  
Reporting



Monitor Entire Surgical Department



Generate Custom Reports



Real-Time Smart Information

Displayed Information

- Antibiotic application
- Door movements
- HVAC
- Laser, x-ray/implant indicator
- Patient demographics
- Patient monitoring
- Patient safety score
- Staff identification
- Surgical Procedure
- Time
- WHO checklists:
- Time out
- Sign out



PACU



Prep & Hold



Scheduling Desk



Inside & Outside Sterile Core

## Medical Grade, Integration-Ready Surgical Displays

Hipac has partnered with Foreseeson [FSN] to deliver to our customers a wide range of surgical displays, offering both HD and 4K resolutions. These displays are designed to deliver strikingly clear images from medical video equipment or PACS while maximising valuable operating theatre space. With their broad compatibility, these displays will accommodate most major source inputs. FSN Displays feature a metal casing to help them stand up to the rigors of the modern operating suite. This strong exterior combined with technological features such as FSN's enhanced LCD display panels, and bonded front filters provides clinicians with an image that is brighter, and has a higher contrast ratio.

This translates to clearer, crisper images for the clinical team within the OR ensuring that they experience less eye strain and complete their cases with greater accuracy and ease.

## High Definition Displays



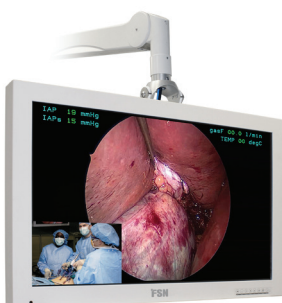
- 24" TFT LED LCD
- 1920 x 1200 pixels
- 2 x DVI-D, 1x VGA, 1x SDI, 1x C-Video, 1x S-Video, 1x Component Inputs
- 1x DVI-D & 1x SDI Outputs



- 26" TFT LCD
- 1920 x 1080 pixels
- 2 x DVI-D, 1x VGA, 2x SDI, 1x C-Video, 1x S-Video, 1x Component, 2x SOG Inputs
- 2x DVI-D & 2x SDI, 2x SOG, 1x C-Video, 1x S-Video, 1x Component Outputs



- 27" Capacitive Touch LCD
- 1920 x 1080 pixels
- 2x DVI, 1x VGA, 1x SDI, 1x Component Inputs
- 1x DVI, 1x SDI Outputs

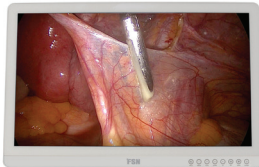


- 32" TFT LCD
- 1920 x 1080 pixels
- 2 x DVI-D, 1x VGA, 2x SDI, 1x C-Video, 1x S-Video, 1x Component, 2x SOG Inputs
- 2x DVI-D & 2x SDI, 2x SOG, 1x C-Video, 1x S-Video, 1x Component Outputs

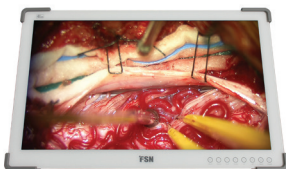
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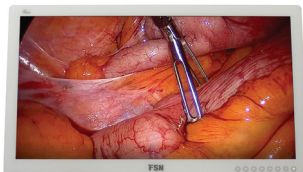
## 4K Ultra High Definition Displays



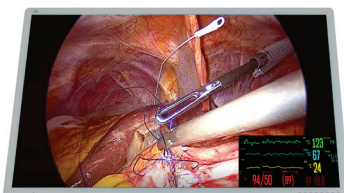
- 27" TFT LED LCD
- 3840 x 2160 pixels
- 1x HDMI 2.0, 2x DP1.2, 1x DVI, 4x 3G SDI Inputs
- 1x DVI, 1x DP 1.2, 4x 3G SDI



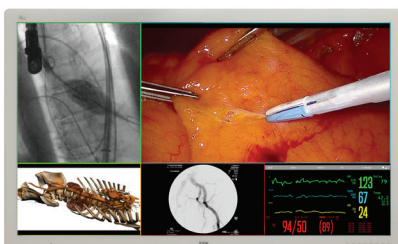
- 27" TFT LED LCD
- 3840 x 2160 pixels
- Flush-front glass and built-in protective corner bumpers
- Bonded front filter for higher brightness and contrast ratio



- 31.5" TFT LED LCD
- 4096 x 2160 pixels
- 1x HDMI 2.0, 1x DP 1.2, 1x DVI, 4x 3G SDI Inputs
- 1x DP 1.2, 1x DVI, 4x 3G SDI Outputs



- 55" TFT LED LCD
- 3840 x 2160 pixels
- 1x HDMI 2.0, 2x DP 1.2, 1x DVI, 4x SDI Inputs
- 1x DVI, 1x DP 1.2, 4x 3G SDI Outputs



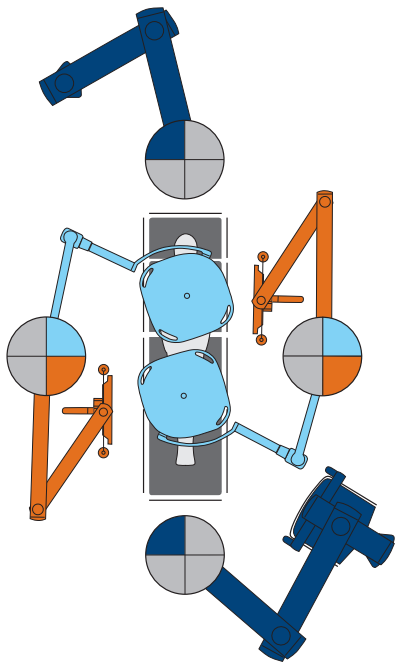
- 58" TFT LED LCD
- 3840 x 2160 pixels
- 1 x HDMI 2.0, 2x DP 1.2, 3x DVI Input
- 1x DVI, 1x DP 1.2 Output

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# Operating Theatre Pendant & Light Packages

## Bringing Clarity and Simplicity to Operating Theatre Design

To help streamline the theatre design process, Hipac has pre-configured pendant and lighting packages to suit all major surgical specialties. Our designs combine internationally recognised best practice, with local knowledge of common project pitfalls, to deliver modern theatre environments that facilitate the efficient functioning of Australian healthcare facilities.

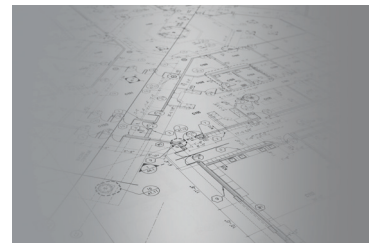


Key benefits of utilising industry standard designs include;

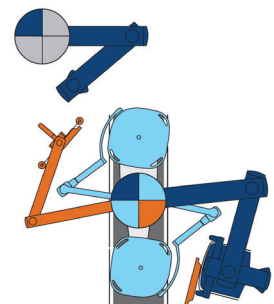
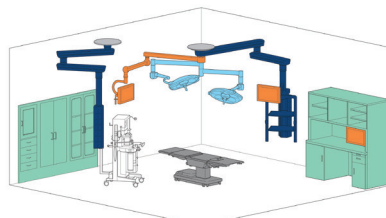
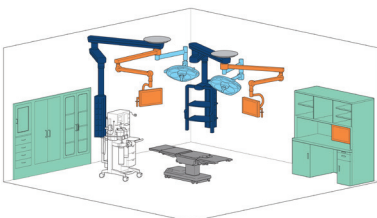
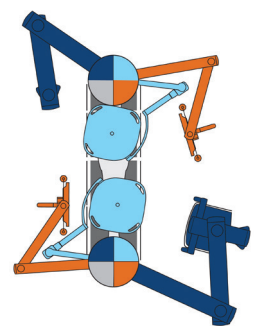
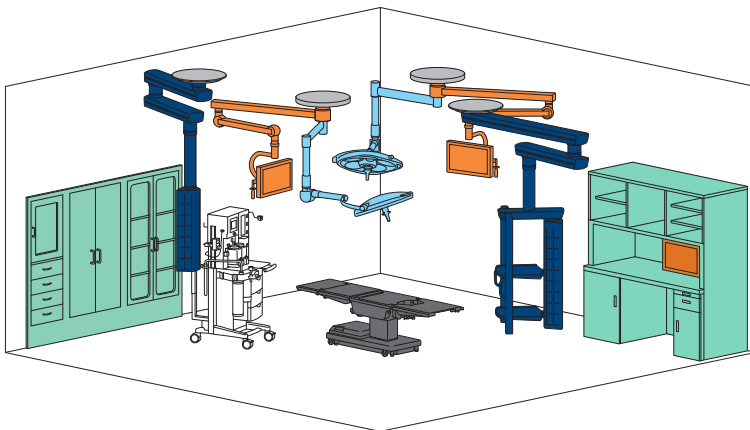
- Easier onboarding of new staff
- Streamlined case workflow
- Ability to standardise designs across your facilities

Using these designs as a starting point for a project can promote staff engagement from the very beginning.

This early involvement of clinical staff reduces the workload of change management personnel and allows all staff the opportunity to champion the redevelopment from within.



Whether you are close to commencing construction or are simply after guidance on the many facets of redeveloping your theatre complex, Hipac Product Specialists are available for a conversation on our range of pre-configured designs and how they can assist you bring about efficiencies, cost savings and a reduction to your overall project time-frame.



## MedLed Chrome®

The brightest LED surgical headlight in the world.

Hipac has partnered with Riverpoint Medical to bring the MedLED Chrome, the brightest LED surgical headlight in the world, to the Australian market. This surgeon-endorsed headlight is a personal, powerful, lightweight, cordless light source that enables improved visibility of the surgical site.

The MedLED's superior brightness coupled with a patented LED module system, places emphasis on portability, comfort and design; allowing surgeons to focus on the task at hand for the many hours they spend performing life-saving surgery. The MedLED is suitable for all surgical specialties and often preferred in Australia by ENT, vascular and neuro surgeons.

- Available with 3 different bezels;
  - MC3 - Economy 100,000 Lux
  - MC6 - Crossover 200,000 Lux
  - MC7 Pro - Premium 275,000 Lux
- Range of accessories available;
  - 4-bay battery charger
  - Snap on magnification sets
  - Go-Pro® mount
  - Hard-top or Soft-top head strap



## The 4 MedLED® Pillars



Truly  
Cordless™

Completely cord-free with patented battery-swap technology, giving infinite run time.



Brightness

At 275,000 Lux, the Chrome® MC7 PRO is the brightest surgical LED headlight in the world.



Comfort

A patented headband system to hold everything together in perfect balance. So much, that you forget it's there.



Modularity

Tailor your light. Choose between a soft-top or hard-top headband and mount an MC3, MC6, or MC7 PRO bezel.

## STANDARD KIT



Chrome LED cordless surgical headlight



Carry Case



Premium  
cleaning cloth



USB wall charger



Two lithium batteries

## HOSPITAL KIT ADDITIONS



Four bay charger and  
four extra batteries



Loupes to suit Headlight

Full range not displayed. For further information please call 1800 759 393.



## **ABOUT HIPAC**

We are an Australian healthcare company that guarantees to stand behind all our medical products, both manufactured and imported, because we're here for the life of our products and clients.

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