

**VOLISTA® StandOP®**

Setting the standard for operating rooms

**MAQUET**

GETINGE GROUP









## VOLISTA® StandOP®

# Technology that exceeds expectations

**The assurance of quality:** Maquet is a world-leading supplier of medical equipment for operating, hybrid and induction rooms, intensive care units and patient transport. In its Surgical Workplaces, Cardiovascular and Critical Care divisions, Maquet always gives top priority to the needs of healthcare staff and patients in the development of its products. For safety, efficiency and cost reduction, Maquet provides solutions to the issues facing hospitals.

**Drawing on its expertise in surgical lights,** ceiling service units and multimedia solutions, Maquet focuses on quality

and innovation to provide optimal solutions for patients and healthcare staff.

With VOLISTA, Maquet goes one step further by offering surgeons a modular system for adapting lighting to their needs. VOLISTA, fitted on a StandOP suspension arm, is a solution for operating room enhancements:

- Choice of three colour temperatures,
- High-performance LED light with boost function,
- Green ambient light for use during minimally invasive surgery,
- A bespoke light for easy adaptation for every procedure.

# VOLISTA® StandOP®

## Authentic Vision

During open surgery, surgeons need to see clearly in order to operate in even the most difficult conditions.

An operating light that contributes to a safe interpretation of the patient's condition is essential. VOLISTA's unique design fulfills this need by providing constant illumination with natural colours...



VOLISTA:  
a choice between  
three colour  
temperatures



VOLISTA's Boost function offers reserve illumination capacity up to 160,000 lux.



The LMD (Luminance Management Device) system regulates the illumination reaching the surgeon's eyes.



The AIM system automatically compensates for the drop in illumination from the surgeon's head by increasing the light output level of the LEDs that are not masked.

**Enhanced safety:**

Reduce day-to-day stress by improving safety for patients and surgical teams alike.

- The VOLISTA® lightheads integrate an innovative white LED-driven technology, offering unrivalled stability over time and avoiding coloured cast shadows.
- Optimal colour rendering (Ra 95) for a perfect view of tissues.
- Low radiating energy offers extra protection for sensitive patient tissues.

**Enhanced performance:**

Aiding surgeons by providing the best possible light.

- True variation in colour temperature using a patented system of cold filters with three different levels. The result is constant, natural light that is suitable for all surgical procedures and can be adapted according to surgeons' preferences.
- The Boost function provides a genuine reserve illumination capacity available at all times.
- The green ambient light mode improves contrast for a better view of screens during minimally invasive surgery.
- Field diameter can be adapted directly on the sterile handle.

**Enhanced comfort:**

Work in the best possible conditions in order to concentrate exclusively on the patient throughout the procedure.

- LMD: This optical innovation maintains optimum visual acuity and avoids difficulties in adapting to excessive variations in luminosity. Surgeons are assured of equivalent light levels when they look at dark cavities or light tissue.
- AIM: This function offers total freedom of movement without any drop in illumination.
- The homogeneous light volume provides a column of useful light even in the deepest cavities, without needing to adjust the light.
- The FSP (Flux Stability Program) system ensures stable illumination throughout procedures.
- A consistent lighted area, easily adjustable for all types of surgery.
- Uniform light distribution (d50/d10 ratio close to 0.6) to preserve surgeons' visual acuity and colour vision.

Optical and photometric specifications	VOLISTA 600	VOLISTA 400
Illumination (lx)	130,000 (Boost Function: 160,000)	120,000
Field diameter** (cm/inch)	20 - 25 / 7.9" - 9.8"	
Depth of the volume of light L1+L2 (cm/inch)	at 20%: 110 / 43.3" - at 60%: 50 / 19.7"	
Colour temperature (K)	Fixed: 3,900 Adjustable: 3,900 to 5,100 (3 levels) - on option	
Colour rendering index (CRI) (Ra)	95	
Irradiance* (W/m <sup>2</sup> )	< 500	
LED Service life (h)	> 60,000	
Power lighthead consumption* (W)	90	60
LMD (Luminance Management Device) / AIM (Automatic Illumination Management)	on option	

\* In standard mode, light level values may vary by 10%.

\*\* Light field diameter given for 10% central illumination, 1 m below the lighthead.  
All values are measured in accordance with the IEC 60601-2-41 standard.

## VOLISTA® StandOP®

# A future proof investment for the operating room



STANDOP VOLISTA on SATELITE®:  
ready for the future.

### Anticipate and optimise operating room upgrades.

- Fitted on StandOP suspension arms, VOLISTA is systematically pre-configured for HD imaging, ready to incorporate new equipment (HD cameras and monitors) with minimal operating suite downtime.
- Compatible with SATELITE mountings that offer a future-proof multimedia platform at the heart of the operating suite.



STANDOPVIEW, wireless camera.

### Make the most of wireless technology.

- Wireless HD cameras can be quickly put into operation and easily interchangeable between lightheads and even between operating suites.
- Signals are transmitted instantaneously and images displayed with no visible delay.
- A dependable, encrypted transmission protocol for seamless integration.





The touchscreen control panel:  
an indispensable assistant for daily tasks.

**Simple yet powerful controls.**

- A touchscreen control panel centralises all information.
- Access to lighthead and camera settings.
- Lighthead synchronisation.
- Presets for storing favourite settings.
- Assistance with preventive maintenance, including backup power supply testing, operating parameter storage and self-diagnostics.



Perfectly shaped for a hyperaseptic  
environment.

**Reduce the risk of infection.**

- The X and Y shapes of VOLISTA® lightheads ensure excellent compatibility with laminar flow ceiling systems.
- The touchscreen control panel takes account of operating suite hygiene requirements.
- The paint used reduces bacterial adhesion.







reddot design award  
winner 2013

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**MAQUET**  
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Maquet S.A.S.  
Parc de Limère  
Avenue de la Pomme de Pin - CS 10008 Ardon  
45074 Orléans cedex 2, France  
Tél : +33 (0)2 38 25 88 88 Fax : +33 (0)2 38 25 88 00  
[www.maquet.com](http://www.maquet.com)

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**GETINGE GROUP**

Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.