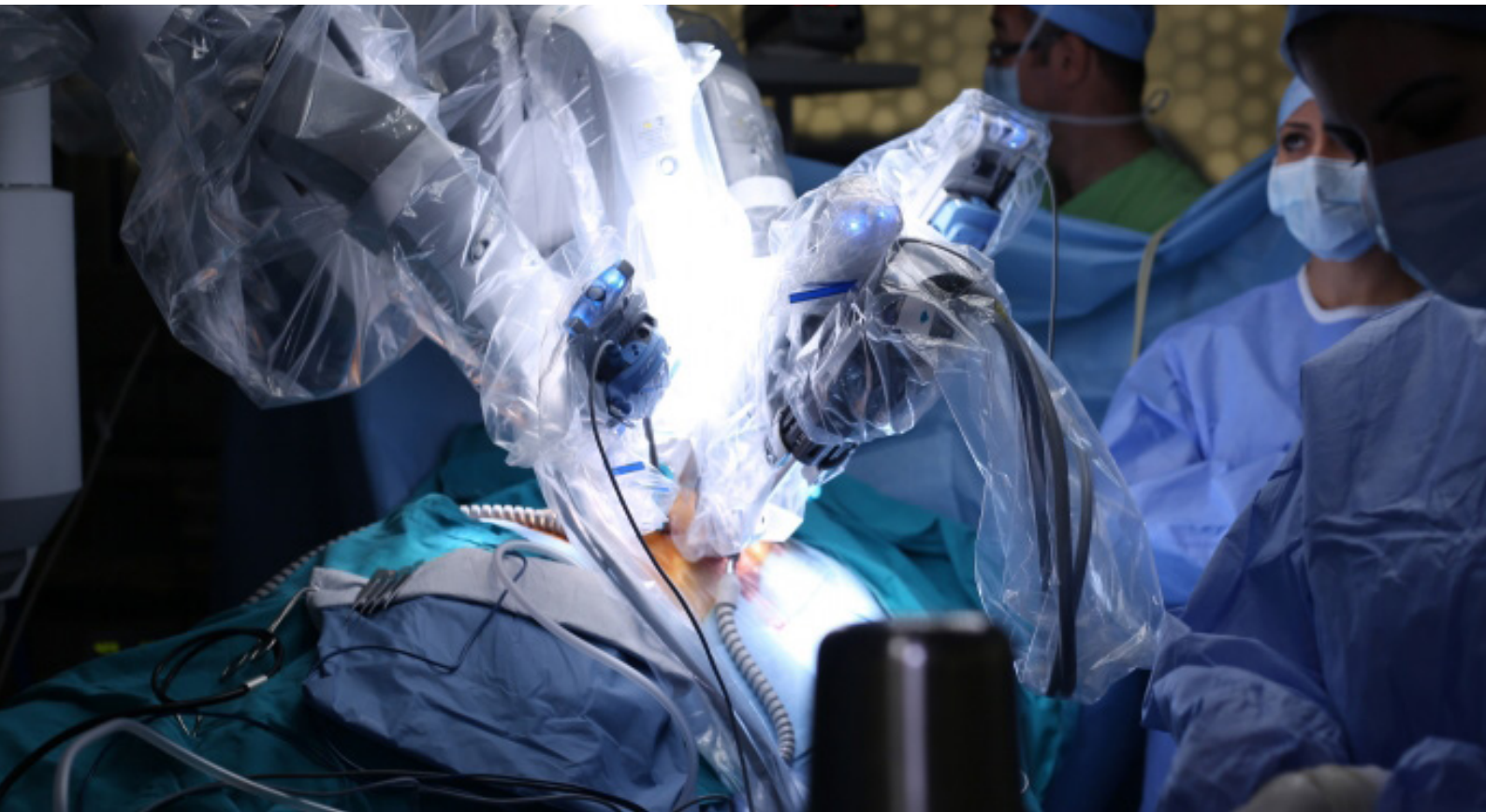


Endoscopy

Brandon Turnkey Equipment Package



Planning and Design of the Endoscopy Room

Ergonomic, compact solutions

Endoscopy is regarded as a simple procedure that allows endoscopists to inspect tissues inside the human body using an endoscope and perform when needed, keyhole surgery. The procedure is preferred, where possible, by both clinicians and patients in order to avoid major open surgery risks. There are numerous applications of the approach: GI tract (esophagogastroduodenoscopy, enteroscopy, colonoscopy, and sigmoidoscopy), bile duct, proctoscopy, respiratory tract (rhinoscopy, laryngoscopy, bronchoscopy) otoscope, cystoscopy, gyroscope, laparoscopy, arthroscopy, thoracoscopy.

Whilst the procedures are regarded as simple planning and delivering an endoscopy room has to take into consideration flexibility in the use of the room, maximizing of space in what are regularly small rooms.

Brandon Medical endoscopy room equipment designs are built with endoscopists input to achieve a good workflow with sensible equipment ergonomically placed for the benefit of the clinical staff in order to provide the best outcomes for the patients.

It is specific for an endoscopy room for medical supply pendant to sit at one side to allow to use of multiple endoscopic systems in a flexible manner.

Expertise

For over 70 years, Brandon Medical has provided healthcare professionals with reliable, high-quality, and affordable medical equipment packages for operating theatres and critical care. Continuous investment in our products allows us to meet the ever-changing needs of our customers, the healthcare industry and the patients it serves.

We are acknowledged experts in medical lighting, medical power & control systems, medical video, and medical AV systems with unique expertise in providing integrated solutions.

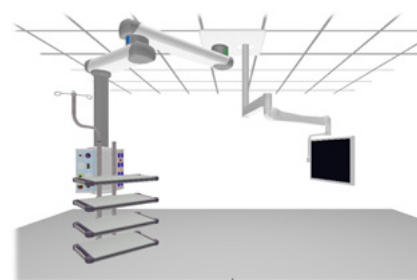
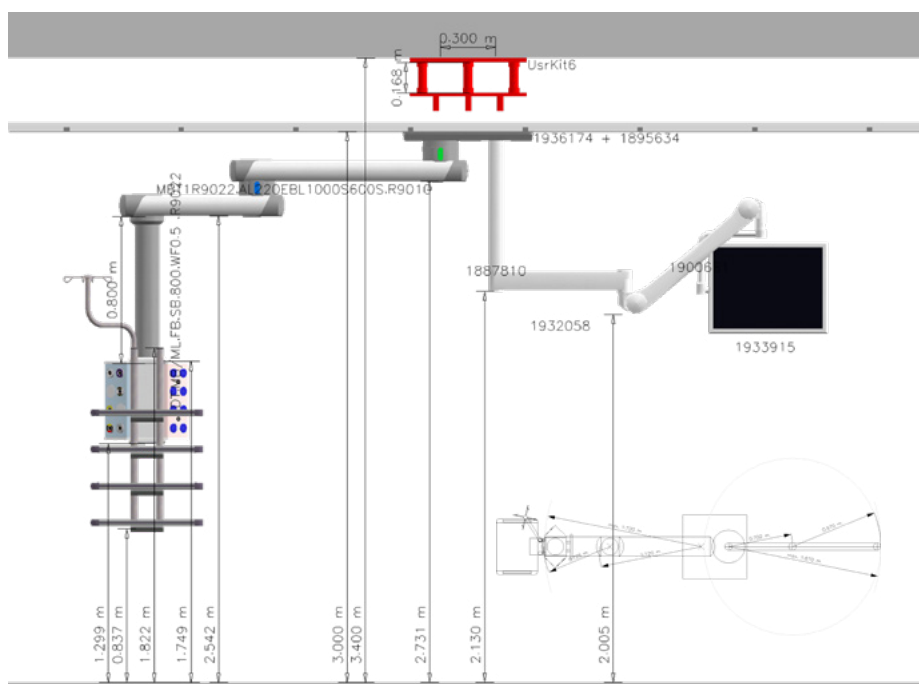
We are one of the leading manufacturers of high tech medical lighting, and our equipment can be found in surgeries, clinics, and hospitals throughout the world supported by an extensive distributor network.

Equipment

Our UK manufactured operating theatre lamps have near-perfect colour rendition, balanced arm systems for ease of movement, and use HD-LED technology which emits a brilliant cold light to reduce heat generation. We also have a range of mobile operating theatre lights. Specialist surgical and examination lighting systems are available, with unique features designed to suit the field.

In addition to healthcare and hospital lighting technology, we also manufacture operating theatre control panels and design solutions for medical AV systems, medical supply pendants, as well as isolated power systems and uninterruptible power systems.

Endoscopy Pendant



Specification

1st fix assembly

Cavity Spacer Kit ≤ 1000 mm (to span void to 1200mm) incorporates upper plate for fixing to structural ceiling & intermediate Ceiling plate which supports the Medical Gas and Suction NIST Connections & LV Electrical Connection Box (included).

Multi Movement Arms

1200mm/600mm Lateral Movement Arm with Electromagnetic Brakes
LED Lightguide brake release indication on all points of Arm Rotation
750mm/950mm Multi-Movement Monitor Arm Friction Braked

Service Head

400mm M6 Service Head. Service Head is provided pre-installed and tested with indicated services.

System Weights and Payloads

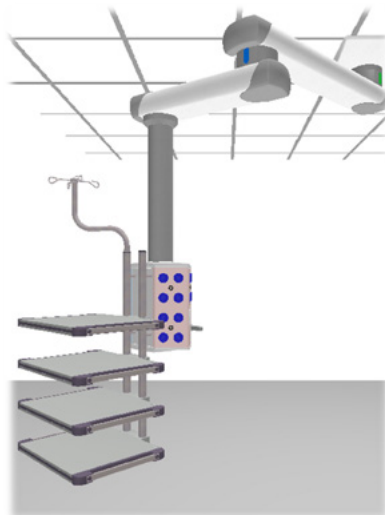
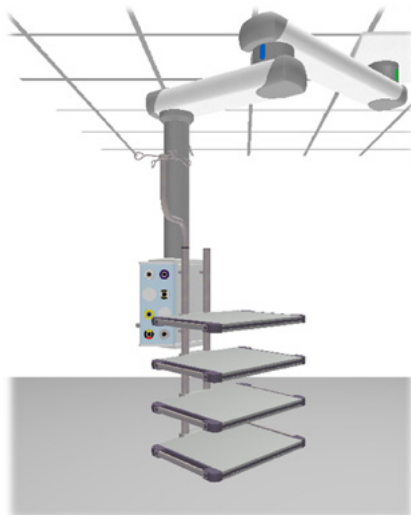
Overall weight of configuration:	290kg	Remaining net pay load:	153kg
Vertical force as configured:	4567N	Remaining diameter, left arm:	63%
Max pendant pay load:	220kg	Maximum Monitor Weight:	18kg

Endoscopy

Brandon Turnkey Equipment Package



Endoscopy Pendant



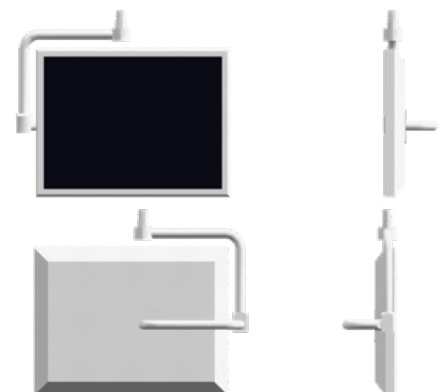
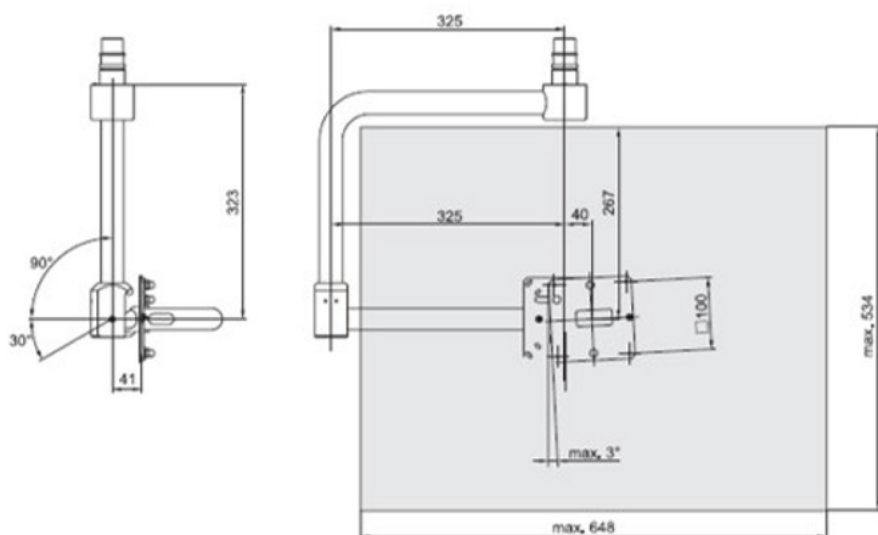
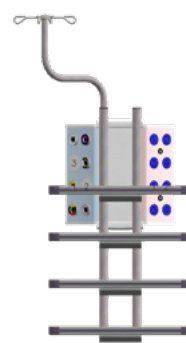
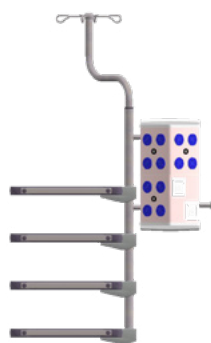
Service Head Specification

400mm M6 Service head.1000mm Multifunction rack to front face for accessory mounting.Handle with brake controls to rear face.

Pre Installed Service Outlets

- 12 No. 240V 13 A electrical outlets BS7671 and HTM06-01 compliant.
- 2 No. Single gang provision.
- 1 No. Medical oxygen terminal unit.
- 1 No. Nitrous oxide terminal unit.
- 2 No. Medical air 4 bar terminal unit.
- 1 No. Surgical air 7 bar terminal unit.
- 1 No. Medical vacuum terminal units.
- 1 No. AGSS terminal unit.

Medical Gas & Vacuum Terminal Units British Standards to BS EN ISO 9170-2-2008



Service Head Specification

400mm M6 Service head.5000mm Multifunction rack to front face for accessory mounting.Handle with brake controls to rear face.

Pre Installed Service Outlets

- 1 No. 240V 13 A electrical outlets BS7671 and HTM06-01 compliant.
- 1 No. Connection (Type TBA) for monitoring device.

Endoscopy

Brandon Turnkey Equipment Package



Resources and technical memoranda for
designing day surgery units

Recommended Brandon Equipment Package (BEP) for the Endoscopy Room



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