

Accident and Emergency Resuscitation

Brandon Turnkey Equipment Package



Resuscitation equipment, planning, and design solutions

The accident and emergency room is the last place where anyone wants to find themselves in, but also the place where everyone hopes their life or loved ones' lives will be saved.

The highest intensity area is the resuscitation area commonly referred to as Trauma or Resus where injured or very ill patients will be dealt with.

The clinical team – usually one physician and a couple of trauma and advanced cardiac life support training – need to be able to rely on the life-saving equipment which cannot fail.

Patients arrive by ambulance connected to mobile ventilators and infusion which will need to be transferred to the lines and ventilator on the medical supply pendant.

360 nursing means the equipment package needs to be a more flexible system, with the best fit operating lighting.

The Resus areas equipping projects require an individual approach, with design constraints of any given building.

Brandon Medical's approach is to make the equipment work with the building, rather than offering an "off the shelf package".

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.

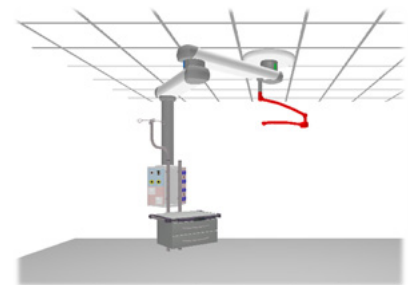
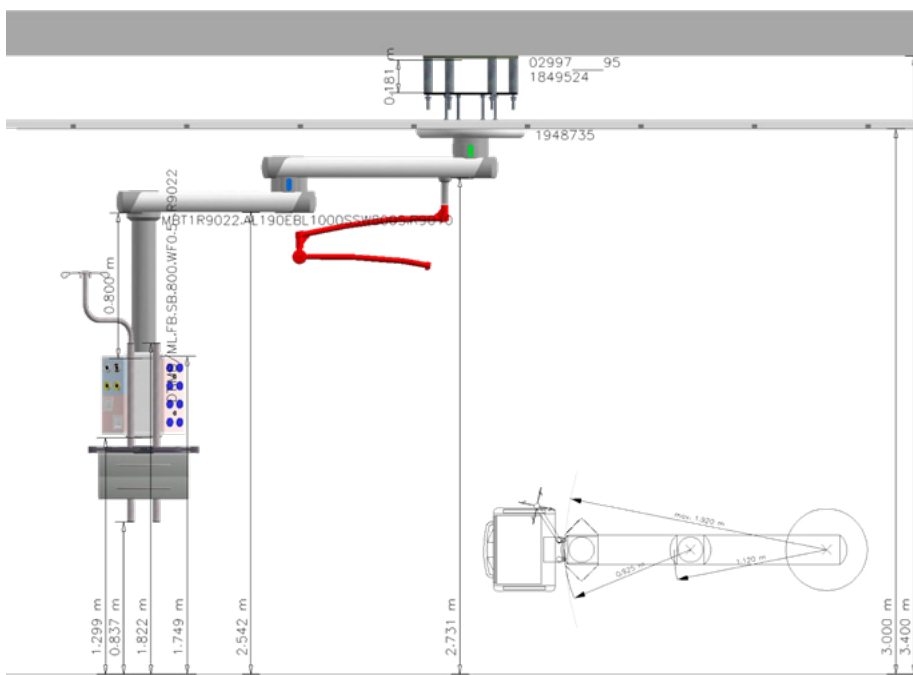
We are one of the leading manufacturers of high tech medical lighting, and our equipment can be found in surgeries, clinics, and hospitals throughout the world supported by an extensive distributor network.

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.

A&E Resus Pendant - HBN15-01 Compliant



Specification

1st fix assembly

Cavity Spacer Kit $\leq 1000\text{mm}$ (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

1000mm/800mm Lateral Movement Arm with Electromagnetic Brakes LED Lightguide brake release indication on all points of Arm Rotation Secondary arm providing support for Brandon Astralite ALE10 Minor Surgical Light.

Service Head

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

System Weights and Payloads

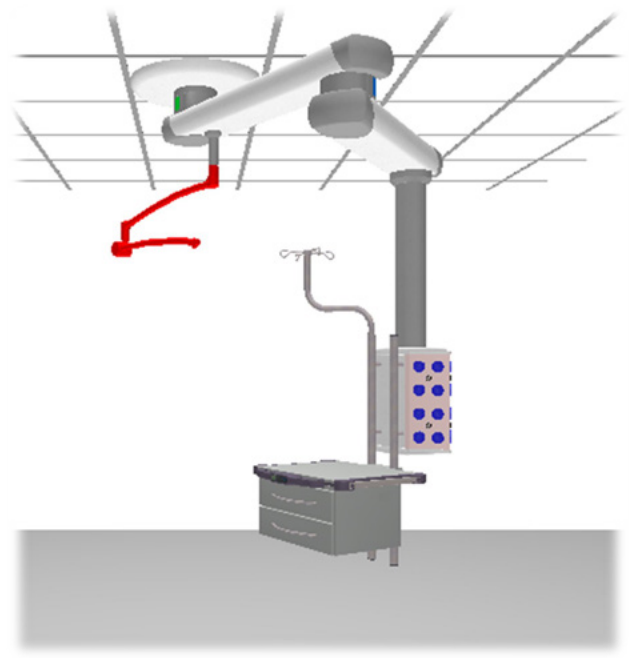
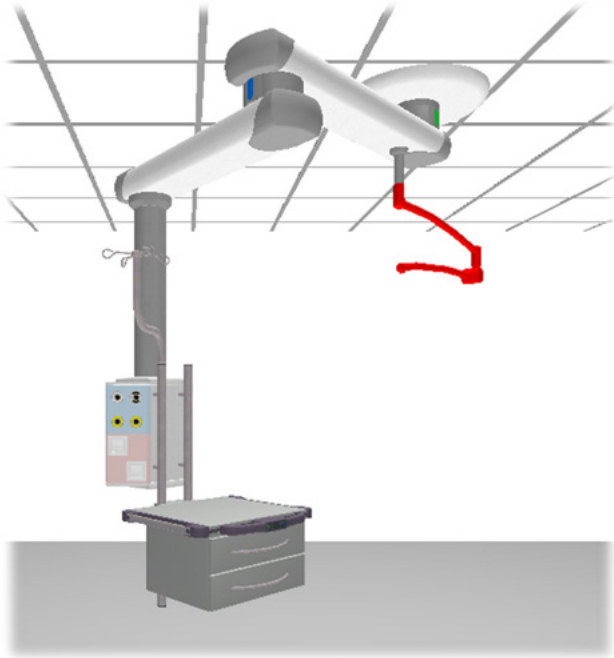
Overall weight of configuration:	176kg	Remaining net pay load:	146kg
Vertical force as configured:	3161N	Remaining diameter, left arm:	65%
Max pendant pay load:	190kg		

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A&E Resus Pendant - HBN15-01 Compliant



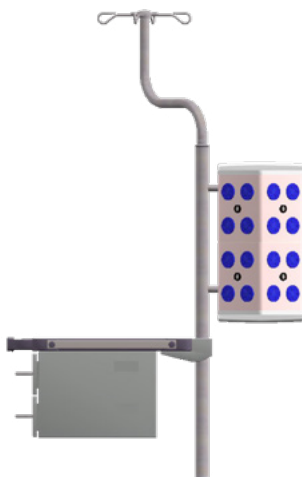
Service Head Specification

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

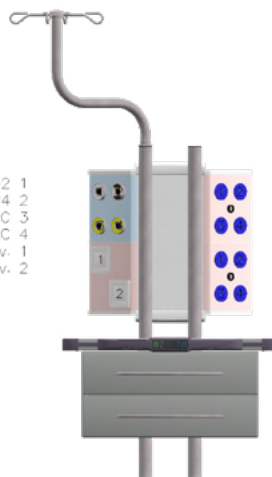
Pre Installed Service Outlets

- 16 No. 240V 13 A electrical outlets BS7671 and HTM06-01 compliant.
- 4 No. Single gang provision.
- 1 No. Medical oxygen terminal unit.
- 1 No. Medical air 4 bar terminal unit.
- 1 No. Medical vacuum terminal units.

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

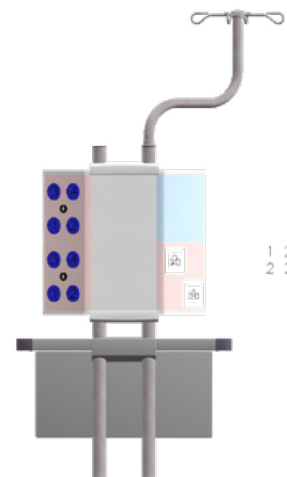


- O2 1
- AIR4 2
- VAC 3
- VAC 4
- Bl. cv. 1
- Bl. cv. 2



- 1 Blue
- 2 Blue
- 3 Blue
- 4 Blue
- 1 Blue
- 2 Blue
- 3 Blue
- 4 Blue

- Blue 1
- Blue 2
- Blue 3
- Blue 4
- Blue 1
- Blue 2
- Blue 3
- Blue 4



- 1 2x Cat6 I
- 2 2x Cat6 I

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Resources and technical memoranda for
designing accident and emergency departments

Recommended Brandon Equipment Package (BEP) for Accident and Emergency Resuscitation



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