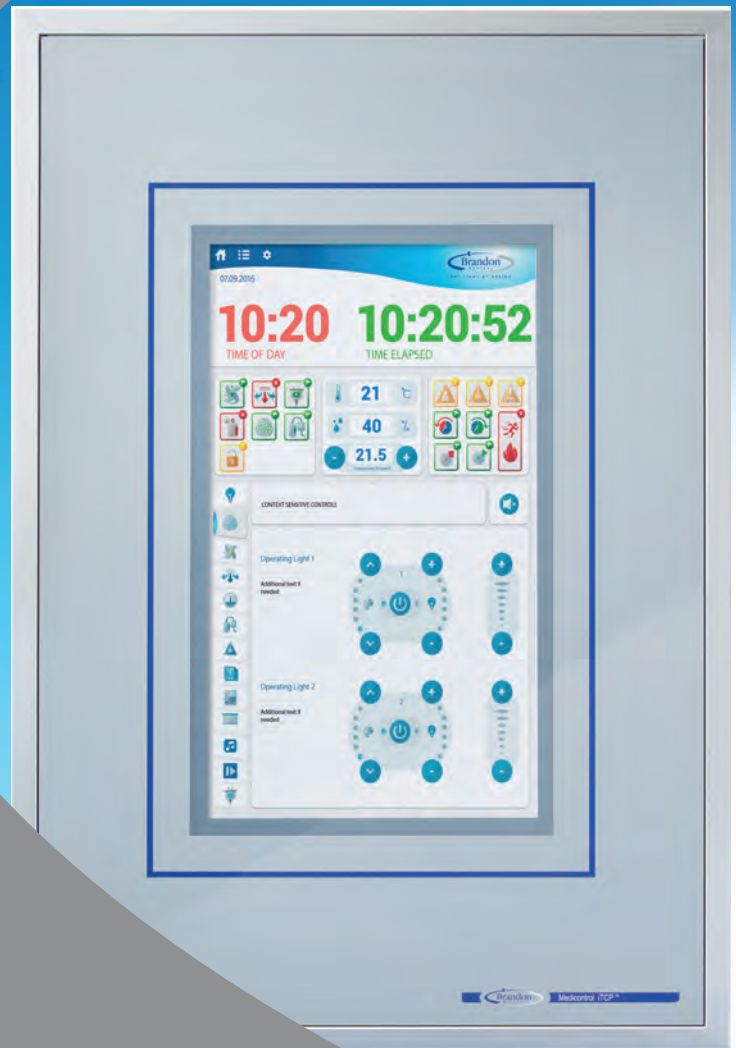


# Medicontrol™

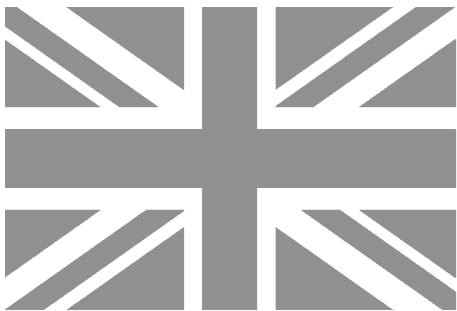
## iTCP Intelligent Theatre Control Panels



# Medicontrol™ iTCP Intelligent Theatre Control Panels



*"Brandon Medical is a UK manufacturer and designer of world-leading technology for operating theatres, critical care areas and primary care institutions. For over 70 years, Brandon Medical has provided healthcare professionals with reliable, high-quality and affordable medical equipment. Continuous investment in our products allows us to meet the ever-changing needs of our customers, the healthcare industry and the patients it serves."*



## Providing clinical solutions for your every need

Brandon Medical provide a comprehensive range of products covering four main specialities; Medical Lighting, Control & Power, Medical Architectural and Medical AV Systems.

British-made Medicontrol™ products have been designed in-house by our specialist Research & Development department and are manufactured in our UK factory.





## iTCP

iTCP is an “intelligent” digital, programmable, connected device with integral computers and communications. They can be used as stand-alone items, integrated with 3rd party equipment or connected together as part of our Brandon Equipment Package (BEP).

## Graphical Interface Designed for Clinical Users

The top level displays and menus are designed specifically for the clinical staff who will use them every day, using the design principles of consumer tablets and smartphones. Drill down menus are provided for engineering and maintenance staff to access increasing levels of technical information for maintenance and fault-finding.

## Building Automation & Control Technology

We use industry standard building automation and control technology that is specifically designed to work with BMS (Building Management Systems) and building communication protocols, rather than industrial control or PC based systems. Use of open and appropriate protocols make for easy and reliable integration for both new and refurbished operating theatres and buildings.



# Medicontrol™ iTCP Intelligent Theatre Control Panels



## Benefits for Clinical Staff

### Intuitive

Designed especially for the theatre staff who will use it everyday. iTCP is easy to understand and simple to use with a modern tablet-like design similar to the smartphones we all use.

The top level displays include just the information and controls that are relevant to the clinical users. Detailed technical information is held in sub-menus for engineering staff should they need it.

### Modern

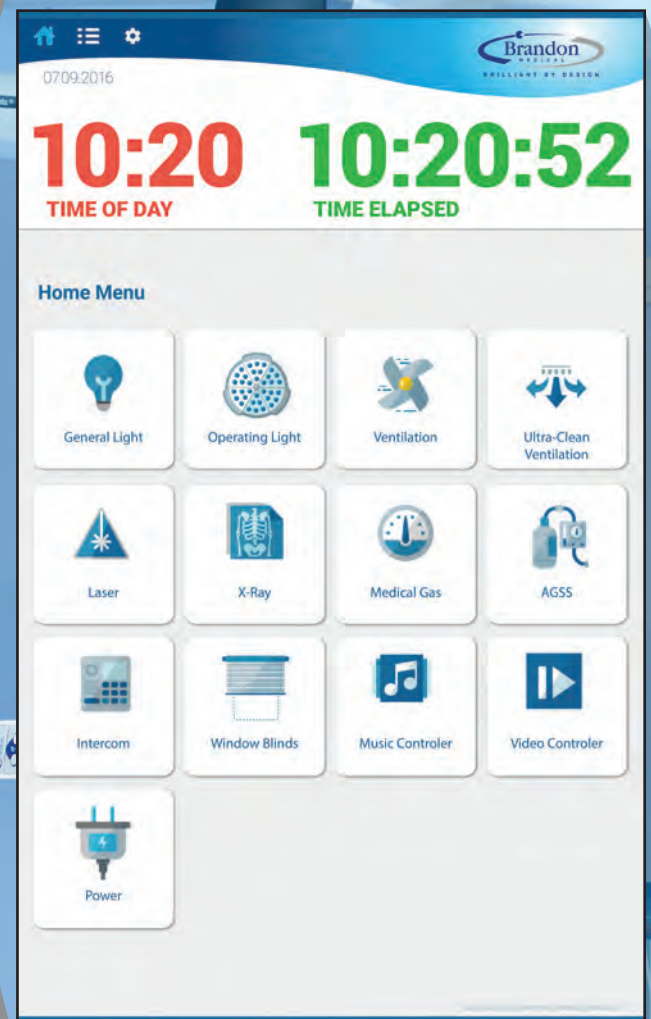
Attractive, modern graphics not only make the iTCP easy to use but also complement the appearance of today's high tech operating theatres.

### Easy to Clean

Smooth flat surfaces are easy to wipe down. The screen is protected by a clear membrane and the whole device is sealed against ingress of dirt and fluids (dust protected and splash proof to IP54 standards).

### CE marked for Safety

The CE mark on iTCP assures you that it complies with the latest regulatory standards for operating theatres. This is vital in modern operating theatres to prevent electromagnetic interference with sensitive medical equipment and to protect both vulnerable patients and the clinical staff performing surgery.





## Benefits for Hospital Designers and Engineers

### Building Automation & Control Technology

Designers and engineers can be confident that iTCP will integrate with BMS and building control protocols because it is designed using standard building control technologies. The hardware is based on Schneider building automation systems components using open systems standards with CANbus and MODbus communications.

### Electro-Medical Safety

iTCP uses quality components from Schneider and medical grade IEC6060101 power supplies to provide high reliability. Systems have in-built memory functions to hold the status of settings in the event of power failure and there are options to provide battery back up from either the operating light unit or from an integral iTCP UPS unit.

### Simple to Specify and Install

Standard design with all common features included means there is no need for engineering sign-off to start manufacture and eliminates the requirement for free issue parts such as temperature and humidity controls. iTCP is small and compact with a depth of only 150mm for easy installation in standard wall depths. The back box can be supplied separately as a first fix to allow fitting and field wiring to be completed, with the final fix carried out at final commissioning.

### Flexible

iTCP is a fully programmable, digital device which provides the flexibility to accommodate late design changes, add extra services or to upgrade for future OT innovations by way of software changes. The system is designed to integrate third party interfaces and low IP rated equipment can be accommodated in a separate matching panel.



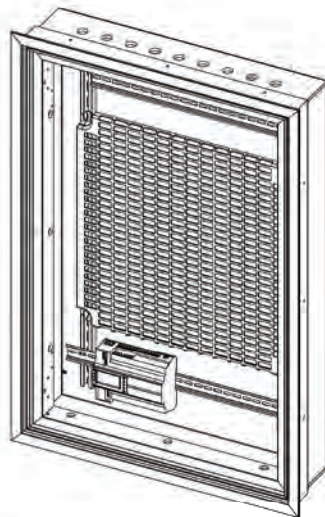


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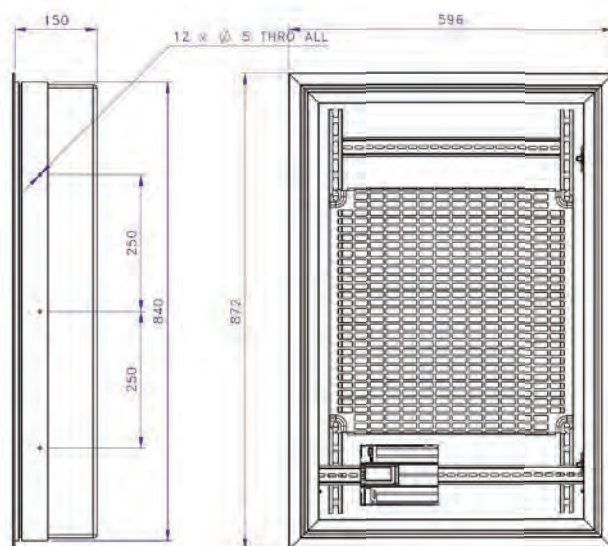
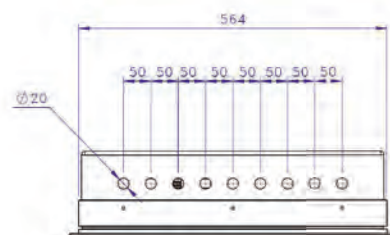


## iTCP has over 60 different standard and optional features including:

- CE marked device
- Time of Day Clock
- Time Elapsed Clock
- Temperature Display
- Temperature Control
- Humidity Display
- Humidity Control
- Medical Gas Alarms
- General Lighting
- Operating Light Controls
- Operating Light Battery Back-up Alarm
- Ventilation Controls
- Fire Alarm
- Nurse Call IPS Alarms (Medical IT System)
- UPS Alarms
- Sealed to IP54



## First Fix Details





## Compliance

Brandon Medical prides itself on supplying products of the highest quality. All products comply with the strictest regulatory and recommendatory documentation.

Our Medicontrol™ systems comply with:

- EMC Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- Machinery Directive 2006/42/EC

## Exceeding Standards

Brandon Medical is certified as an ISO 13485 and ISO 9000 manufacturer, the global standard for medical device manufacturers.



UK Customs  
Approved Exporter  
Status GB 16164/13





Medicontrol™ is part of the Brandon Equipment Package.

Operating Theatre Lights and Battery Back Up  
 Minor Surgical Lights  
 Examination Lights  
 PACS Workstations  
 IPS Isolated Power Systems  
 UPS Uninterruptible Power Systems  
 Medical Gas Pendants and Accessories  
 Ultra Clean Ventilation Canopies  
 Operating Table and Accessories  
 Digital Audio Video Solutions

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