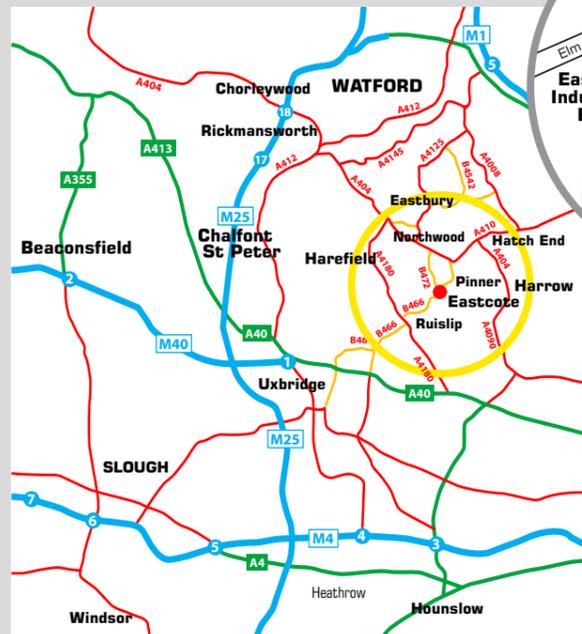




- Isolated Power Supplies
- Uninterrupted Power Supplies
- Theatre Control Panels
- Clinical Lighting
- Clinical Pendants
- Patient Transfer Trolleys
- PACS Viewers
- Audio Visual Systems
- Battery Backup Systems
- X-ray Viewers
- Equipotential
- Remote Alarms
- Maintenance and Support



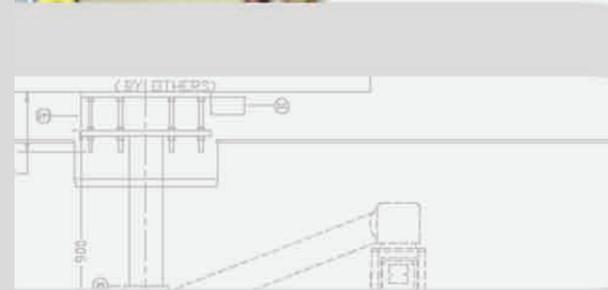
STARKSTROM

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STARKSTROM

quality medical engineering





driving up the standards of care

Surgeons and clinical staff aim to deliver the highest standards of care to their patients. As a result, we are constantly innovating and working with hospitals so that they do not have to compromise the quality of care they can provide.

Starkstrom is a specialist medical company that can provide you with cutting-edge, fully integrated operating theatre and critical care equipment.

From specifying a certain product to integrating several different systems, we will even create a 3D model of your chosen operating theatre or critical care area. Because we are an established British company, we have the expertise to design, manufacture, and supply a technologically advanced, reliable and proven range of infrastructure equipment for you that meets all the relevant medical standards required today. Our aim is to remove the complexity and areas of uncertainty in these environments and provide you with a fully working and integrated solution.

Let our expertise take care of your needs so that you can spend your time caring for your patients.



why choose us?

Tap into our experience and specialist knowledge to help create a safer environment for your patients and staff.



We design, manufacture, install and maintain complete systems that provide uninterrupted and continuous safe and isolated power, pendants, operating lights, control panels and any alarm systems for operating theatres and other critical care areas.

You can be sure that you will receive the most advanced technology available and an after sales support service that none of our competitors can match.

Starkstrom is also an ISO 9001 certified company.

chosen by the best

Starkstrom's record speaks for itself. More and more hospitals are turning to Starkstrom to provide infrastructure solutions and to equip their operating theatres with our state-of-the-art product line.



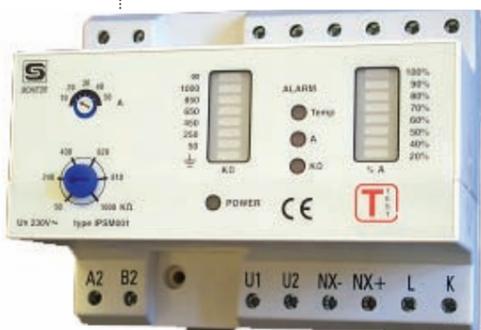
There are now over 1800 Starkstrom installations throughout the UK, including:

- University College Hospital, London
- Romford
- Manchester Royal Infirmary
- St James Hospital, Leeds
- Moorfields Eye Hospital, Dubai.





IPS, UPS and Alarms



Starkstrom are the only British company to manufacture IPS systems and have a wealth of experience second to none. We work closely with you to create a power supply solution tailored to your exact specifications. The installation of a UPS will provide instant continuity of power in the event of a supply failure, whilst the IPS will monitor the supply circuits to make sure there is no chance of electric shock to a patient.

Remote alarms are integral to all of these power supply systems so that staff are alerted to any problems.

Starkstrom can supply you with various options ranging from basic alarm systems to fully programmable units which can be customised to the needs of its users.

Additionally, we can provide you with the latest products that satisfy the most recent medical standards and guidelines such as Earth Reference Bars and "Blue Plug Sockets".



Theatre Control Panels



Starkstrom manufactures some of the highest specification control panels available. With the focus on patient safety, such as a wipe clean fascia. We also provide stainless steel panels, customised and designed to meet your exact requirements, and hybrid panels that include special functionality.



Clinical Lighting Systems



Starkstrom are the only distributor for Karl Leibinger Stuckenbrock (KLS) Martin operating lights within the UK. Amongst the most technically advanced lights available, the range includes lights for all clinical needs. Based on



tested technology of Halogen lights, we also sell Xenon lights and the latest addition to this range is the marLED operating light utilising the latest in LED technology.

Clinical Pendants



The Starkstrom/BPG Medical range of clinical pendants includes rigid and retractable pendants designed for operating theatres and anaesthetic rooms and multi-movement operating theatre pendants designed to provide the efficient and safe delivery of gas and electrical services in operating theatres.



We also offer pendants specifically designed for the ITU/HDU, which include a docking system for connection of mobile ventilation anaesthetic trolleys to the service head if required. A full range of accessories for these pendants is also available to help make the most of your advanced pendants.



Products - How Starkstrom can help you

Pendants

Our innovative range of clinical pendants safely provides all of the required electrical and medical gas infrastructure services to meet the needs of operating theatres, ITUs and anaesthetic rooms.



Controls & Alarms

Starkstrom provides some of the highest specification control panels available including programmable wipe clean touch screen panels as well as traditional stainless steel panels.



Information Display

Starkstrom provides PACS viewing stations specifically for use in operating theatres. We also provide audio-visual systems that enable you to broadcast live procedures from an operating theatre – ideal for teaching and sharing.

Products

Theatre Pendants
ITU Pendants
Surgical/Endoscopy Pendants
Anaesthesia Pendants
Transfer Trolley

Surgical/Operating Lights
Examination Lights

Touch Screen Theatre Control Panels
Stainless Steel Theatre Control Panels

PACS Viewing Stations
X-Ray Viewers
Audio Visual Systems

Isolated Power Supply System
Uninterruptible Power Supply System
Earth Reference Bars
MEIGAN Blue Sockets
Battery backup power for Operating Lights

Maintenance and Support
Planned preventative maintenance and 24hr cover of all of your infrastructure equipment
On site Commissioning



Maintenance & Support

Starkstrom currently service and support specialised infrastructure and electrical safety equipment in over 100 hospitals throughout the UK. We are perfectly placed with our highly skilled engineers to undertake this program for you.



Lighting

Starkstrom can provide your operating theatres with the most technically advanced lights available (Halogen, Xenon or LED) and allow your surgeons to choose the best illumination for their specific procedures.

Function of Product

Infrastructure Services
(Gases/Electrics)

Lighting

Controls and Alarms

Information Display

Power

Maintenance

Power

Safe continuous isolated power with protection from mains failure safeguards both patient and clinical staff in the operating theatre and ITU. We design and supply you with a fully integrated package consisting of an Uninterruptible Power Supply (UPS) feeding an Isolated Power Supply (IPS) and then integrate the alarms for these systems within our control panels.



Medical Areas with a requirement for this equipment.

Operating Theatre
Intensive Care Areas (HDU/SCBU/CCU).
Recovery Area
Imaging Rooms
Post Mortem Room

You receive a modern, fully integrated, fully maintained area for your patients meeting all of the IEC, MEIGaN and HTM regulations.



Audio Visual Systems



Whether you need Audio Visual systems in your theatres or for teaching purposes, Starkstrom has a solution we can offer you. Designed specifically for use in the operating theatre, the Starkstrom theatreView system connects to the hospital's existing IT network—no additional infrastructure cabling is required. Once connected, it will transmit audio and video from the operating theatre to anybody with a PC and access to the network. Live 2-way audio allows the staff in the operating room to communicate

with their audience while multiple concurrent video streams allow the audience to select which camera feed(s) to watch. If you simply require video screens in your theatre or AV connection points on your pendants, Starkstrom will offer you advice and a solution.

X-ray Viewers



Starkstrom's range of X-ray viewers are suitable for wall fixing, flush mounting or freestanding desktop use. Available with single, twin, triple or quadruple viewing screens, all viewers are fitted with spotlight intensifiers as standard. Flicker-free individual panel dimming is available as an option.

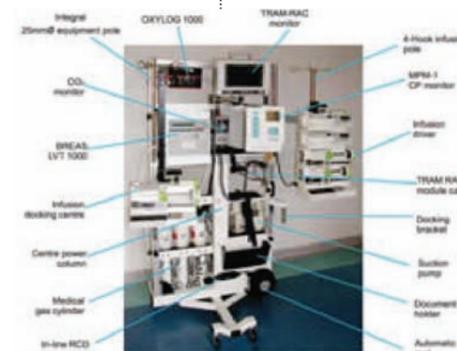
PACS Viewing Stations



Starkstrom's PACS viewing stations are designed to overcome potential infection control issues and create more space in the operating theatre. They can be flush mounted into the wall of the operating theatre (w-PACS) or the surgeons control panel (r-PACS) or can be a mobile viewing station (m-PACS).



Patient Transfer Trolley



The result of extensive research with the UK's leading hospitals, the Starkstrom patient transfer trolley supports all essential equipment necessary for inter-departmental patient transfer. The trolley quickly and simply docks with all beds to provide a single, easily manageable unit.





Maintenance and Support



The upkeep of the infrastructure and electrical safety equipment serving operating theatres and critical care areas is a primary concern for hospitals. Exceeding required testing dates can expose hospitals to additional, yet preventable, risk. Starkstrom offer preventative maintenance programs on all of the following equipment (whether our equipment or other manufacturers) so that you can have peace of mind that all your requirements are being managed by a single company.

- Isolated Power Supplies
- Uninterrupted Power Supplies
- Theatre Control Panels
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- X-ray Viewers

Our maintenance programs provide you with access to our 24-hour Telephone Support Service and enables you to speak directly with an engineer day or night in the event of an emergency.

Installation



In addition to designing and manufacturing equipment to match your specifications, we also offer an installation service. We will supply our own on-site staff with all of the appropriate safety training and competencies required to install, cable and test your Starkstrom equipment.



STARKSTROM

driving up the standards of care

