

SURGEON CONTROL PANEL MEMBRANE



Introduction

BIO-X Surgeon Control Panel has been designed to cope with technology and equipment in operating environment. It is designed to be user friendly and ease of operating & maintaining purpose. Control panel comprising of following. User can choose any of the services as per their requirements.

- Daytime digital clock Elapsed
- Time digital clock
- Temperature And humidity Indicator
- Peripheral light controller
- Medical gas alarm (Hi/Low/Normal)
- LCD Hands free telephone

Description

Surgeon Control panel meet the electrical safety codes for high and low voltage systems. The control panel is user friendly in case of operating and maintenance purpose. The fascia is made with superior quality UV resistance membrane with sterilization feature. We can customize the product as per requirement of customer

All high voltage equipment are installed in a separate enclosure can be positioned up to 250 meter away, allowing maintenance to be carried out with minimum disturbance. The remote cabinet consists of operating lamp, transformers, remote relay card, electrical distribution equipment and circuit protection equipment for all circuits within the operating theatre.

ADVANTAGES OF CONTROL PANEL

The screen's smooth surface makes it easy to clean and it is designed to withstand the aggressive cleaning agents commonly used in operating theatres.

Upon opening the operating theatre, nurses can quickly:

- Check the temperature, humidity, gases level
- Adjust intensity of peripheral lighting
- Check that the theatre's electrical power supply is operating normally



SPECIFICATION

Dimension:	640 mm X 640 mm X 110 mm
Circuit Voltage:	24V DC
Digital Clock:	Green Color Display (1.8 "Character HH:MM:SS) (Set-Up-Down)
Elapsed Clock:	Red Color Display (1.8 "Character HH:MM:SS) (Start-Stop-Reset)
Light Control:	3 Channel (2 for peripheral Light & 1 for Plan air) 0-10V Dimming Range
Temp/Humd.:	Display room Temp. & Humidity with controlling outputs for both temp. & Humd.
Gas Alarm:	5 Channel (4 Gases + 1 Vacuum) (High / Low / Normal Indication)
Hands Free Phone:	Dialing & Receiving Calls with caller ID



SURGEON CONTROL PANEL



Bio X are manufacturers and suppliers of touch screen control panels. All the controls for the modular operation theatre are provided on a single *Samsung LED* touch screen android based system. This micro controller based electronic control panel is mounted directly in the operation theatre.

OUR CONTROL PANEL ARE CE MARKED.

The control panel can be customized as per requirement at an additional cost.

The following features are incorporated in the control panels.

1. Operation timing - Elapsed time.
2. Anesthesia countdown - Countdown timer
3. Time - Real time clock
4. Date
5. Temperature and Humidity Control and Display
6. Hands Free Telephone
7. Medical Gas Alarm System
8. Lighting Control - Peripheral, Showless Dome, Plenum Light, View box with brightness control

We are also manufacturing the LED based peripheral ceiling lights and LED X Ray viewers for Modular operation theatres.

FEATURES

Touch Panel Size: 27inch (**Samsung LCD Monitor**)

High Sensitive ultrasound touch panel

Strong communication ability : With Rs232, Rs485, TCP/IP communication interface and the USB, SDMMC interface

