

## Surgeon Control Panel



### Specifications:

- HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
- HTM 2020/2021 – Electrical Safety codes for High & Low Voltage System
- C11 – NHS Estates Model Engineering Specification
- EN737-3: 1998 – Medical Gas Pipeline System
- Wired to the current IEE regulations. & BS7971

### Introduction

WTK Surgeon Control Panel has been designed to cope with changing technology and equipment in operating environments. It is designed to be user friendly and ease of operating & maintaining purpose.

The unique modular "Tiled Membrane" panel can be configured to incorporate all the services that theatre staffs require:

- ❖ Timing devices (Master/Slave)
- ❖ Environmental control
- ❖ List Writing
- ❖ Digital Touch Screen
- ❖ X-Ray viewer
- ❖ Communication / data
- ❖ Isolation monitoring
- ❖ Medical gas alarm
- ❖ Electrical control
- ❖ Power sockets

### Description

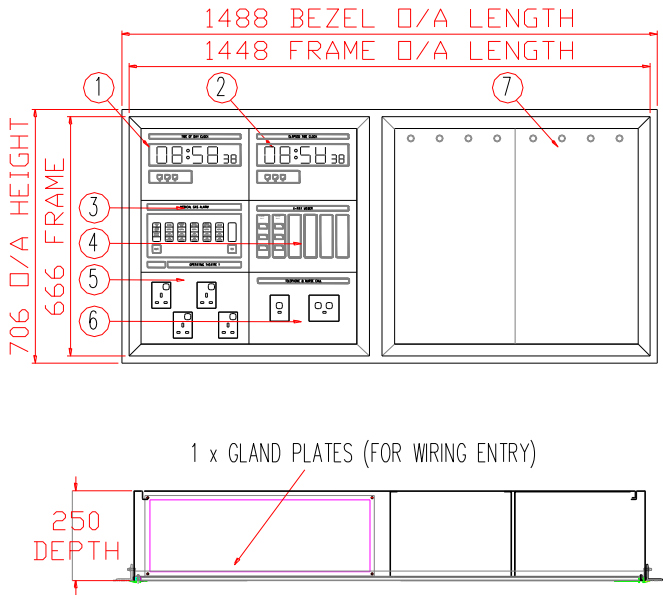
The membrane concept system consists of five tile formats which when used with the range of WTK PCBs. The fascia is made of superior quality UV resistance membrane with sterilizable feature. The membrane backing is made of 2.0mm thick aluminium that is rust resistance.

The connection between the panel and the distribution board is by a multiplexed system, providing a PWM signal on a two-core cable.

Own text selection could be inserted into the fascia for ease of identification. Standard color offered is RAL 9002 for the frame & membrane fascia.

Design selections of integrated Distribution Board or Remote Distribution Board, recess or surface mounted design or both are available with our panel.

## Typical Layout of SCP with X-Ray Viewing Screen



1488 BEZEL O/A LENGTH  
 1448 FRAME O/A LENGTH  
 706 O/A HEIGHT  
 666 FRAME

1  
 2  
 3  
 4  
 5  
 6  
 7

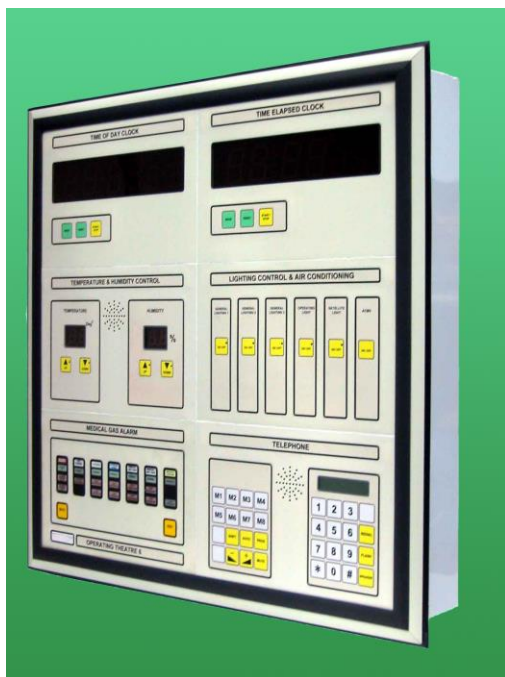
1 x GLAND PLATES (FOR WIRING ENTRY)  
 250 DEPTH

S/N	PART DESCRIPTION	P/N	QTY
1	DIGITAL TIME OF DAY CLOCK	STD	1
2	DIGITAL TIME ELAPSE CLOCK (STOP/START/RESET)	STD	1
3	MEDICAL GAS ALARM (O <sub>2</sub> , N <sub>2</sub> O, A <sub>4</sub> , A <sub>7</sub> & V)	STD	1
4	X-RAY VIEWER	STD	1
5	13A SINGLE SWITCH SOCKET OUTLET, CLIPSAL E2015	STD	4
6	TELEPHONE & NURSE CALL (BY OTHERS)	STD	1
7	X-RAY VIEWING SCREEN	STD	2

LEFT PANEL: SWING OPEN LEFT 90°  
 RIGHT PANEL: SWING OPEN DOWN 180°

PROJECT :  
 HOSPITAL  
 EXPANSION PROJECT

SUBJECT :  
 6+2 TILES CONTROL PANEL



\* Aesthetics & Modern Design



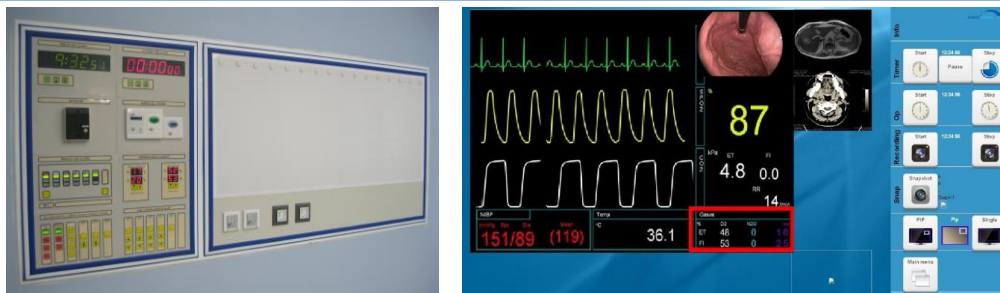
\* Hinged Door Design

## TECHNICAL SPECIFICATION:

Designation	Surgeon Control Panel
Dimensions	Varies
Material	Aluminium fascia with membrane, enclosure with galvanized steel, aluminium frames. Special hinge design
Finishing	Epoxy powder coating for boxes and frame

## Model Number & Part List:

WT03001	Time of Day Clock Digital
WT03002	Analogue Time of Day Clock
WT03003	Time Elapsed Clock Digital
WT03004	Analogue Time Elapsed Clock
WT03005	Temperature & Humidity Display
WT03006	Lighting Control ON/OFF/DIM
WT03007	3 zone Relay ON/OFF
WT03008	OT Light Triac Dimming PCB
WT03009	Medical Gas Alarm (up to 6 gases)
WT03010	Telephone
WT03011	Intercom
WT03012	Spare Tile
WT03013	Line Isolation Overload Monitor
WT03014/15/16	2/3/4 plate x-ray viewer
WT03017/18/19	6/9/12 tile distribution board, Integrated (I) or Remote (R)
WT03020/21/22	Rear enclosure for 6/9/12 tile CP
WT03023/24/25	Frame, gasket & fixings for 6/9/12 tile
WT03026	Temperature & Humidity Sensor
WT03027	List Writing Board
WT03028	Electrical Power Socket Outlets, 13A
WT03029	Air Sampling Duct
WT03030	Digital Touch Monitor



TÜV Rheinland certified company for  
 ISO 13485 & CE0197 Marking

