

# Surgeon Control Panel

The 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:

1. Timing devices (Master/Slave)
2. X-Ray viewer
3. Environmental control
4. Communication / data
5. List Writing
6. Digital Touch Screen
7. Isolation monitoring



Digital Touch Monitor

Own text selection could be inserted into the fascia for ease of identification.

Standard color offered is RAL 9002 for the frame & membrane fascia.

## 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.

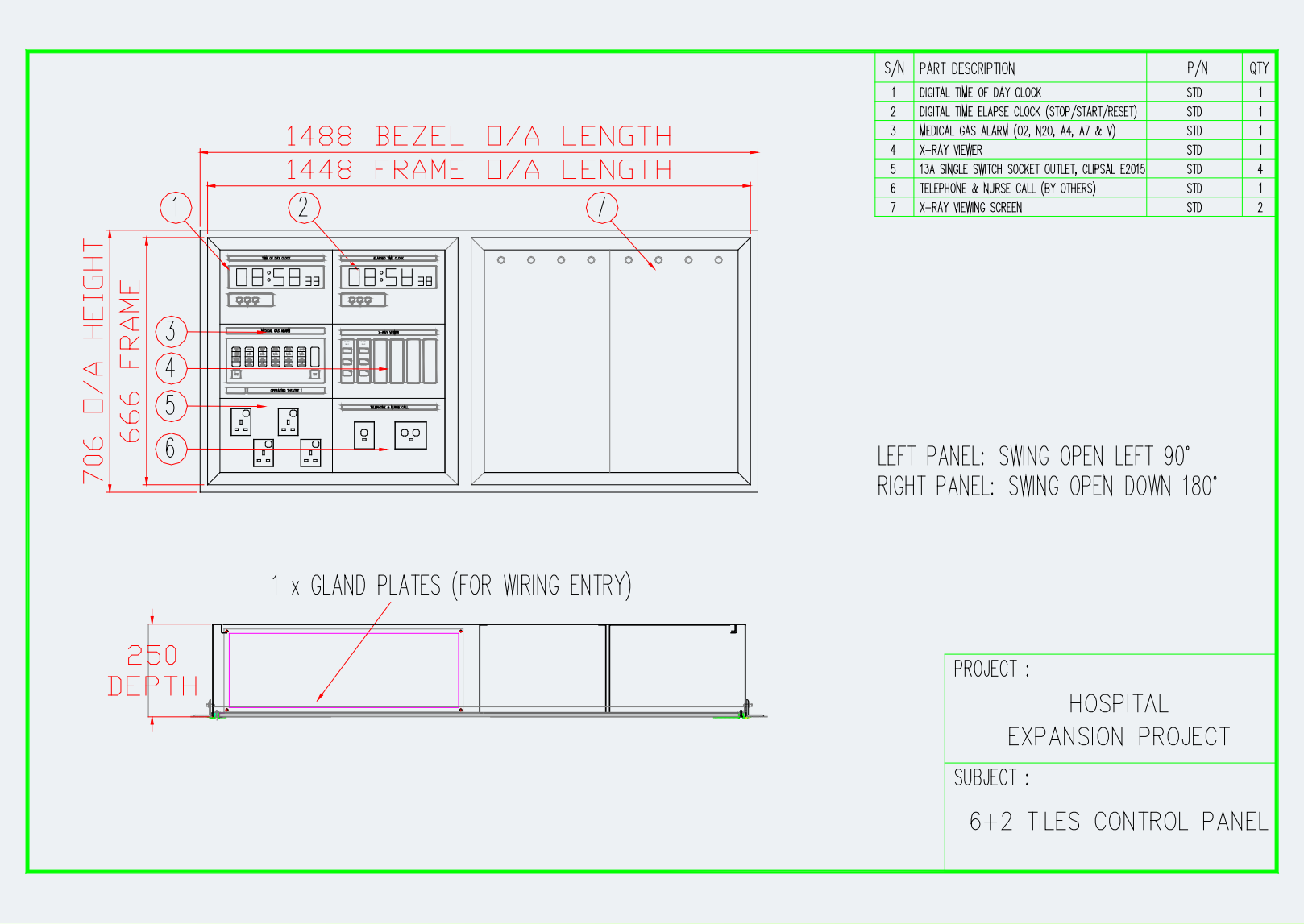


Large 21.5" Screen

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

## Innovative Design in Medical Engineering

# TYPICAL LAYOUT OF SURGEON CONTROL PANEL



## TECHNICAL SPECIFICATION

MS 2675-1:2017 Medical gas systems  
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system  
HTM 2020 – Electrical Safety Low Voltage System  
HTM 2007 – Electrical Supply and Services Distribution

Designation : WT03000 Surgeon Control Panel  
Dimension : Varies  
Material : Aluminium fascia with membrane, EGP backbox  
Finishing : Epoxy Powder Coatings  
Electronics : WTK PCB indicator with membrane finish  
Power Rating : 240VAC input, 50/60 Hz

## MODEL NUMBER

WT03001	Time of Day Clock Digital	WT03016	4 plate x-ray viewer
WT03002	Analogue Time of Day Clock	WT03017	6 tile distribution board, Integrated (I) or Remote (R)
WT03003	Time Elapsed Clock Digital	WT03018	9 tile distribution board, Integrated (I) or Remote (R)
WT03004	Analogue Time Elapsed Clock	WT03019	12 tile distribution board, Integrated (I) or Remote (R)
WT03005	Temperature & Humidity Display	WT03020	6 tile rear enclosure
WT03006	Lighting Control ON/OFF/DIM	WT03021	9 tile rear enclosure
WT03007	3 zone Relay ON/OFF	WT03022	12 tile rear enclosure
WT03008	OT Light Triac Dimming PCB	WT03023	6 tile frame, gasket & fixings
WT03009	Medical Gas Alarm (up to 6 gases)	WT03024	9 tile frame, gasket & fixings
WT03010	Telephone	WT03025	12 tile frame, gasket & fixings
WT03011	Intercom	WT03026	Temperature & Humidity Sensor
WT03012	Spare Tile	WT03027	List Writing Board
WT03013	Line Isolation Overload Monitor	WT03028	Electrical Power Socket Outlets, 13A
WT03014	2 plate x-ray viewer	WT03029	Air Sampling Duct
WT03015	3 plate x-ray viewer	WT03030	Digital Touch Monitor