

## Theatre Control Panel



### *Instructions for Use*

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## 1. Instructions for Use

### 1.1. Introduction

The Hutz Medical range of Theatre Control Panels include a number of variants for different applications. The Theatre Control Panels are fabricated with a stainless steel frame with stainless steel fascia. The fascia is laser cut to provide provision for electrical services and medical gas, vacuum and scavenging services. Other services such as communication, data and visual displays may be added depending on client specifications.

The Theatre Control Panels are designed to operate continuously.

Carefully read these Instructions for Use to ensure that the product is used in accordance with the products intended use and to ensure the users safety. Keep these Instructions for Use for future reference pertaining to safety instructions and important information.

Theatre Control Panels may be equipped with other manufacturer's equipment, therefore it is advised to refer to their operating instructions for that specific equipment.

### 1.2. Explanation of Symbols



CAUTION!

*Failure to comply with this warning could result in serious or fatal injury*



CONSULT INSTRUCTIONS FOR USE!

*Failure to comply with this notification could result in injury or damage to product*



Type B Applied Part



LOT Number



Manufacturer



Authorised Representative in the European Community



European Conformity



Maximum Payload

### 1.3. General Safety Instruction

#### ❖ Intended Use

The Theatre Control Panel is wall mounted, comprising of a stainless steel frame with stainless steel fascia and is intended to supply one or more of the following services:

- Electrical power up to 240 volts;
- Medical gases such as oxygen, nitrous oxide, carbon dioxide;
- Low pressure medical air for patient ventilation;
- High pressure medical air for driving other medical devices;
- Vacuum and/or anaesthetic gas scavenging services.

The unit can be surface mounted or recessed into the wall, and access to services is either from the front or via rear doors.

The unit can also accommodate other operating theatre accessories according to client's specifications, such as:

- X-Ray viewing screen (Standard or Digital);
- CD/Mp3 audio playback device;
- Earth Fault Monitor;
- Clock/timer;
- Telephone.

#### ❖ Operating Conditions

Ambient Temperature:	0° C to 40° C
Relative Humidity:	10 to 95%
Atmospheric Pressure:	70 to 110 kPa

#### ❖ Transport and Storage



Operating conditions only apply once transportation and storage is complete. Do not subject the product to severe vibration. Store only in a closed room or undercover.

#### ❖ Connection of Services



Medical gas, vacuum and anaesthetic gas scavenging services shall be tested in accordance with BS EN ISO 7396-1 and BS EN ISO 7396-2.

Connections of electrical services shall be carried out by suitably qualified personnel.

#### ❖ Operating



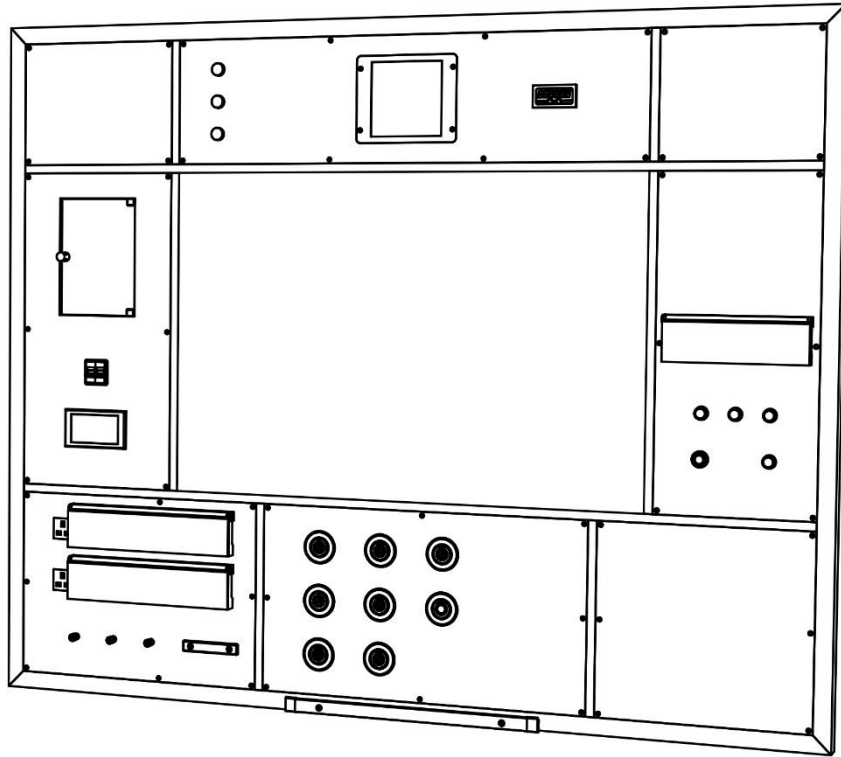
The maximum payload capacity of the medical equipment rail shall not be exceeded. Maximum payload capacity is indicated on each individual medical equipment rail. Exceeding the maximum payload capacity could lead to serious injury and damage to the product.

#### ❖ Disposal

Disposal of redundant products and materials is to be done in accordance with the relevant local, regional and/or national environmental regulations. Wherever possible, the materials should be recycled. As used vacuum hoses and terminals may contain body fluids, they should be treated as hazardous medical waste and disposed of accordingly.

## 2. Types

Theatre Control Panels may be manufactured in various sizes, as per the clients' and medical facilities' requirements. Three types, namely Major, Minor and Nurse Panel System, are available as standard options. A digital monitor or standard light box may be installed, depending on client specifications.



Example of an HU12-MAJ

### 3. Operating the Theatre Control Panel

#### 3.1. Power Supply



For units installed with socket switches, ensure electrical power is turned off before inserting and removing mains plug to avoid arcing. Do not pull the mains plug out by pulling on the lead but pull only on the mains plug.



Do not insert foreign objects into the socket outlet.

#### 3.2. Gas Supply

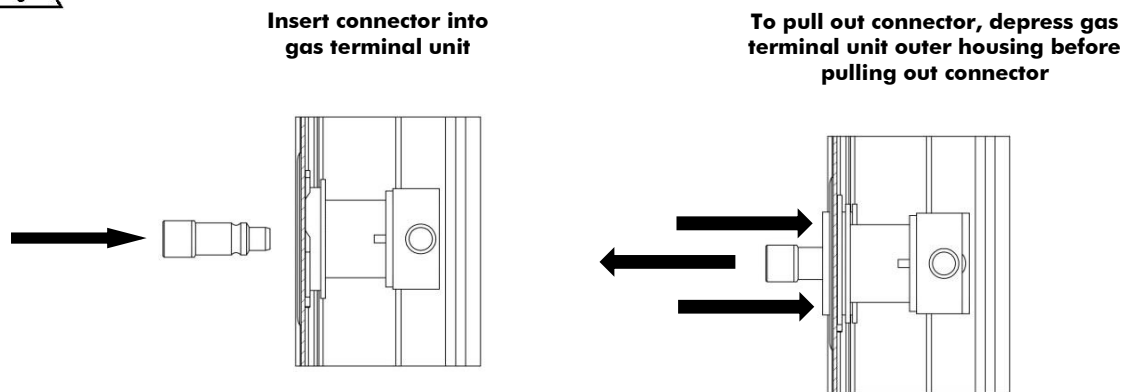
Gas terminal units and connectors are manufactured with dimensional characteristics which prevent connection with incorrect services.



Do not force the connector into the incorrect gas terminal unit. If the specific connector cannot be inserted into the required terminal unit, report it immediately to the medical facility's Maintenance Department. Never use oil or grease on or near the connector and/or terminal unit to avoid explosion. Report any gas leaks or damage to connectors or terminal units to the medical facility's Maintenance Department.



Provision of the incorrect gas to the patient could prove fatal.



#### 3.3. Digital Elapse Timer

A digital elapse timer may be installed. Start-stop-reset buttons are provided to control the timer. To activate the timer, press the start button once. To pause the timer, press the stop button once. To continue the timer, press the start button once, or to clear the timer after pressing the stop button, press the reset button once.

### 4. Loading

The Theatre Control Panel may be fitted with a medical rail for additional accessories.



Do not exceed the maximum payload as indicated on the labels of the medical rail. Failure to adhere to these requirements may result in injury to patients, user or damage to the unit.

### 5. Cleaning

The unit should always be kept clean. An alkaline based cleaning agent with a pH range of 12 to 13 is recommended.



As the unit is not fully protected against ingress of liquids, use only a slightly damp cloth to avoid electrical shock.

## 6. Servicing



Only parts approved by HUTZ Medical for servicing, repairs and alterations can ensure the safety, reliability and performance of the units.

Servicing of units should only be carried out by HUTZ Medical or an authorized service agent.



All repairs conducted on the gas system must be re-tested in accordance with BS EN ISO 7396-1 for medical gas and vacuum and BS EN ISO 7396-2 for anaesthetic gas scavenging services. Failure to comply with this requirement may prove fatal.



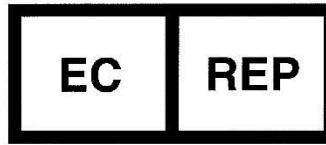
**HUTZ Medical shall not be held liable for any damages or injuries caused as a result of inspection, repairs, alteration carried out by unauthorised service personnel or service agents.**

## 7. Technical Data

Electrical Data	
Mains Voltage	110/240V
Mains Frequency	50 / 60 Hz
Nominal Current	Max 16A per Circuit
Mechanical Data (Maximum Payload)	
Medical Rails ≤ 1000mm	8kg/m
Medical Rails ≥ 1000mm	12kg/m
Technical Data For Gases	
Compressed Gases	4 bar
Vacuum	-1 bar
Gas Types: oxygen, nitrous oxide, entonox, medical air, vacuum	
Electrical Protection Class	
Class I	
Applied part type - B	
Basic Regulation	
BS EN ISO 11197	
EN 60601-1	
EN 60601-1-2	
BS EN ISO 7396-1, BS EN ISO 7396-2	



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