

MEDICAL SYSTEM



BRANDS

SCHNELL
panel

★★★★★
TORMAX
AUTOMATIC
SWISS

KÜPPE

G:B:D:
MADE IN ITALY
ITALY

AMK
SOLUTIONS METAL GROUP





Selaras Lawang Sewu

Door & Window Solution

Selaras Lawang Sewu is one of the world leading project companies of healthcare & manufacturing company for modular room system and their components in the field of OT room and other critical care room in the hospital.

We are providing engineer, project management and equipment supply service over 30 countries around the world since 2002. We are an international network of professional and technical consultants that collaborate to solve and community challenges. The experience of the recent years have revealed that particularly those companies could master the global crisis, that emphasize on values like tradition, quality, responsibility and international mind instead on short term and ultimately short lived successes. SLS operate under a practice quality management system.

We put our work in this book of our responsibility under our philosophy and it's product company is focusing on clear environment and communities. Continue reading to see the advantage of engineering health for your hospital and for your customer. We wish you all the best.



+ OT Panel System



SCHNELL
panel

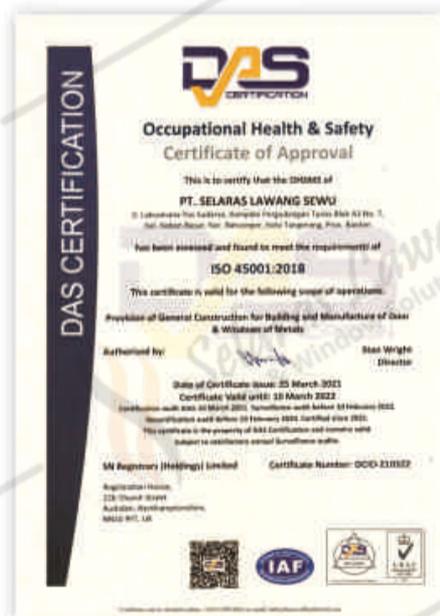
What is SCHNELL panel

- Surface: Stainless steel with antibacterial coating or stainless steel up to 0.6 + common fire retardant board.
- Heat insulator and materials polyester fiber.

Product characteristics

- The modular wall system can adopt to the most varied building conditions.
- The framework is formed by a substructure.
- The color of wall are available in various color.
- We provide the products inspected and certificated with anti-bacterial coating and natural ingredient, which inactivates bacteria or inhibits their growth.
- We offer a construction-kit for functional and extensively equipped areas with demand on high quality regarding surface and function.

Our Certification

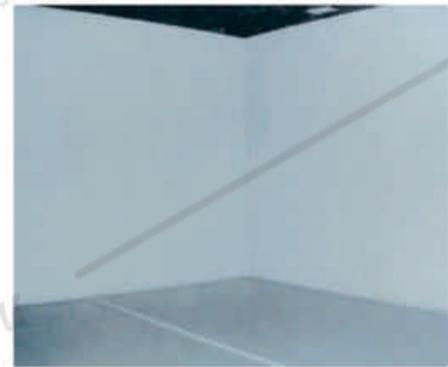
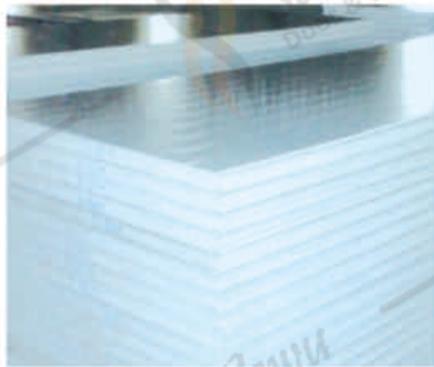


SCHNELL Sandwich Panel

Fire Retardant

The self-extinguishing, fire-retardant EPS & PIR foam is manufactured from 100% virgin bead and oven cured after manufacture to ensure the resulting blocks are completely dry and free from all residual pentane.

Sandwich panel is a modern insulator, partition, lightweight, strong and hygienic which can be applied as a room divider in various properties of the building both interior and exterior, such as home, office space, factory and hospitality.

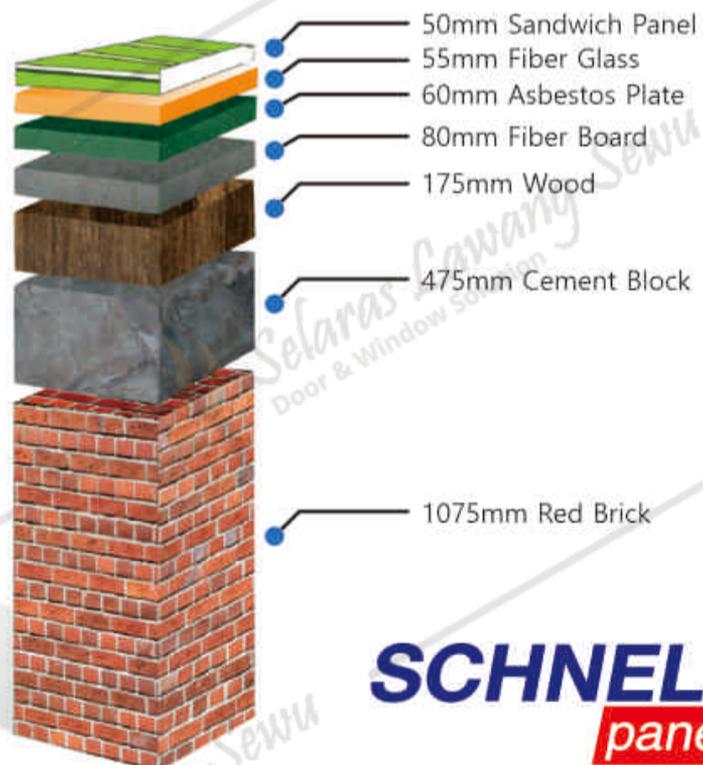


The advantages and privileges of Sandwich Panels:

- Installation process fast and practical
- Environmentally friendly
- To maintain and stabilize the temperature vibration and pressure
- Can be applied outdoor and indoors
- Durable
- Anti bacterial

Temperature Compare Insulation

between panel and other material



SCHNELL
panel

Expanded Polystyrene (EPS) SCHNELL

Expanded Polystyrene (EPS) core based composite panel system is a promising construction technique for mass housing projects as these buildings are light weight, energy efficient and can be easily handled and erected. EPS core based composite panels consist of a layer of self-extinguishing EPS sheet (of variable thickness; not less than 50mm).

A special chemical coated to the Expanded Polystyrene beads (raw material) distinguished it from standard/common EPS Panel. Fire Retardant EPS Panel is a self-extinguishing, non-combustible material.

Features and Advantages of EPS

- Fire Retardant
- Installation process fast and practical
- Environmentally friendly
- Anti Bacterial
- To maintain and stabilize the temperature, vibration and pressure
- Can be applied outdoors and indoors
- Durable

HRM SN01 S
Thickness 50mm

HRM SN02 S
Thickness 75mm

HRM SN03 S
Thickness 100mm

HRM SN04 S
Thickness 150mm

HRM SN05 S
Thickness 200mm



EPS SCHNELL Layer



Joint System between Panels
EPS SCHNELL

Specification EPS FR Panel:

No	Description	
1	Material Plate	Zinc Alume
2	Plate Thickness	
	- Wall	up to 0,6mm
	- Ceiling	up to 0,6mm
3	Coating Thickness	up to 60 micron
4	Coating Type	Anti Bacterial
5	Coating Color	Off White
6	Effective Width Dimension	1000mm / 1160mm
7	Max. Lenght Panel	up to 12 meters
8	Panel Thickness	50mm, 75mm, 100mm, 150mm, 200mm
9	EPS Type	Fire Retardant
10	EPS Density	18 kg / m ³



Allergic Free



Fungus Free



Water Resistant



Lightweight



Energy Saving



Insect Free



Durable



All Weather Resistant

Polyisocyanurate (PIR) SCHNELL

Polyisocyanurate (PIR) SCHNELL foam are widely use as insulation material in residential, commercial buildings and insulation of oil and gas pipelines, district heating systems, heating and plumbing services for power stations, chemical plants and refineries. PIR SCHNELL foams is known for its excellent behaviour as insulation materials with low thermal conductivity.

The ignitability and rate of burning of polyurethane rigid foams can be improved to suit a variety of insulating applications and they can be formulated to meet the most stringent fire protection standards. Therefore, making PIR SCHNELL foams offer good fire performance. PIR SCHNELL foam are available in various density and form such as, board and pipe sections to suit the required of size and dimensions.

Product Application

- Partition Insulation
- Ceiling Insulation
- Container Insulation
- Wall Insulation
- Roofing Insulation
- Structural Enhancement
- Light Weight Cavity Filling

HRM SN06 S

Thickness 50mm

HRM SN07 S

Thickness 75mm

HRM SN08 S

Thickness 100mm

HRM SN09 S

Thickness 150mm

HRM SN10 S

Thickness 200mm



PIR SCHNELL Layer



Joint System between Panels
PIR SCHNELL

Feature

- Low thermal conductivity
- Versatile as Insulation material
- Various grade of flammability characteristic
- Durable material & compatible with auxiliary materials
- Good Dimensional Stability
- Resistance to solvents, oil and other chemicals
- Low water absorption and low water permeability
- Effective, light and easy to transport and install
- PIR SCHNELL foam measured by ASTM C591 as the standards physical properties

Therefore highly versatile, simple and highly effective product to work with, suitable also for use in many constructions task including low slope and pitched roofs, cavity walls, floors, internal linings, composite desks, pipes and tanks. PIR SCHNELL foams are light and simple to transport to and around building sites. It is a

clean, non-hazardous material that requires no special handling, storage or specialist skills to work with. In addition, it is not moisture sensitive and can be fitted under most weather and climatic conditions, making it also longevity.

Specification PIR Panel:

No	Description	
1	Material Plate	Zinc Alume
2	Plate Thickness	
	- Wall	up to 0,6mm
	- Ceiling	up to 0,6mm
3	Coating Thickness	up to 60 micron
4	Coating Type	Anti Bacterial
5	Coating Color	Off White
6	Effective Width Dimension	1000mm / 1160mm
7	Max. Lenght Panel	up to 12 meters
8	Panel Thickness	50mm, 75mm, 100mm, 150mm, 200mm
9	PIR Type	Fire Retardant
10	PIR Density	40 kg / m ³



Allergic Free



Fungus Free



Water Resistant



Lightweight



Energy Saving



Insect Free



Durable



All Weather Resistant







Operation Room with Sandwich Panel
EPS FR / PIR

The New Dimension of Interior Integrated Design

3 Models of Enamel Modular Operating Theatre

SCHNELL
panel



Stainless Steel Panel

HRM SN11 S

Single

HRM SN11 D

Double

Wall panels made of stainless steel faced with prestressed glass, resistant to impact, are not only practical but also very trendy.

- Surface: Stainless steel 0.8 + common fire attendant board (13mm)
- Heat insulator and Fire Stop[®] material
- We provide the products inspected and certificated with anti-bacterial coating and natural ingredient, which inactivates bacteria or inhibits their growth.
- We offer a construction-kit for functional and extensively equipped areas with demand on high quality regarding surface and function.



Stainless Steel Coating Panel

HRM SN12 S

Single

HRM SN12 D

Double

- Surface: stainless steel SUS 304 antibacterial coating with Thickness 0,8mm
- Heat Insulator and Gypsum Board Fire Stop[®] 13mm
- Rockwool 100kg/m³
- We Provide the products inspected and natural ingredient, which inactivates bacteria or inhibits their growth.
- We offer a construction-kit for functional and extensively equipped areas with demand on high quality regarding surface and function.



Glass Panel

HRM SN13 S

Single

HRM SN13 D

Double

Schnell combines glass and light to a fascinating new unity, there by creating an unique atmosphere. For example, image can be printed in photorealistic 3D prints behind the glass panels. Of course it is possible to choose every RAL-color for the walls. The result: An astonishing feeling of depth of the room that will blow your mind again and again. In combination with our lighting concept, both hospital staff and patients benefit from higher well being and concentration. In a glass OT :

- Tempered glass 12mm printing



Hermetic+ Automatic System

TORMAX Auto door system offer a construction kit for functional and extensively equipped areas with demand on high quality regarding surface and function.

Application area:

- Operating room
- Endoscopy
- ICU
- Recovery

A gift that is owned by humans is health. We can feel that without good health all have no meaning.

TORMAX as a leading company in automatic, concern to remove obstacles in hospital, psychiatric clinics and care homes. In private and rehab clinics, in sanatoria, spa and spa hotels.

Pushing a bed through the corridors, a patient walking on crutches entering the care home in a wheel chair. Automatic doors give people safety and security. In the field of healthcare automatic doors are not an option but a necessary for freedom of movement and hygiene. Hospital and care home directors, hospital consultants and security staff all benefit from automatic doors thanks to rapid opening capability and the need for sterile environments. Safety in the event of a disaster thanks to fire protection and escape functions. In short, the protection of life.



■ Safe and quite in operation

Integral sensor ensure an uncompromising protection and error-free detection of persons. They are built into the door system in a discreet and hygienic manner. Vibration-absorbing components enable extremely quiet operation, thus increasing the comfort even more.

■ Individual fittings and designs

The sophisticated technology is installed invisibly in a slim, elegant structure. The design and materials of the door leaves can be customised in many different ways. A wide range of accessories is available.

■ Reliable and inexpensive to maintain

Your benefit from TORMAX's decades of experience are long-lasting, tried and tested components ensure low maintenance costs.

■ More safety, more value

The TORMAX's hermetic automatic sliding door system meets the highest safety standards and is certified to EN 16005/DIN 18650. Thanks to the newly developed, unique sealing of the system it meets the requirements for air-tightness and comfort combined with a high degree of safety.

Highest quality standards for critical areas an all-round hermetic seal. The innovative drive technology means that even very heavy doors are opened and closed smoothly and quickly. The door leaf with all-around sealing is lowered shortly before the final closure and pressed against the integral door frame.

Hermetic Door

Sterility is an essential requirement in the operating theatre. When we leave the washroom - where we have sterilized our hands we can't touch anything until we're in the operating theatre. Automatic doors are part of the balanced air pressure and ventilation system at the opening of the opening of the room. They contribute to our efforts to prevent bacterial contamination as much as possible in the operating theatre.

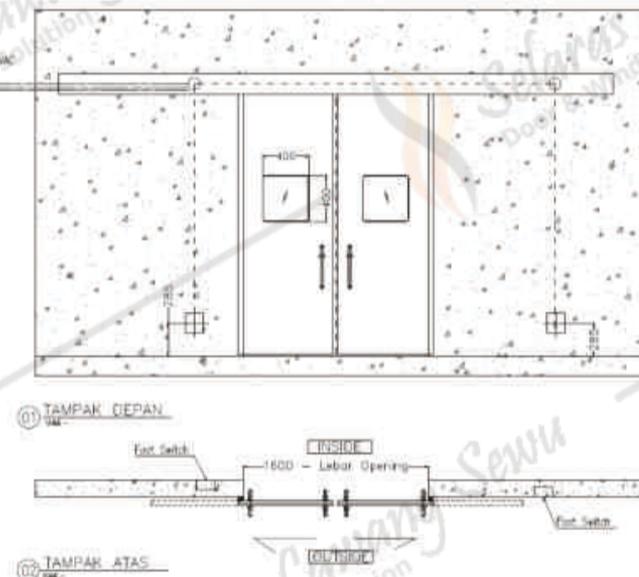
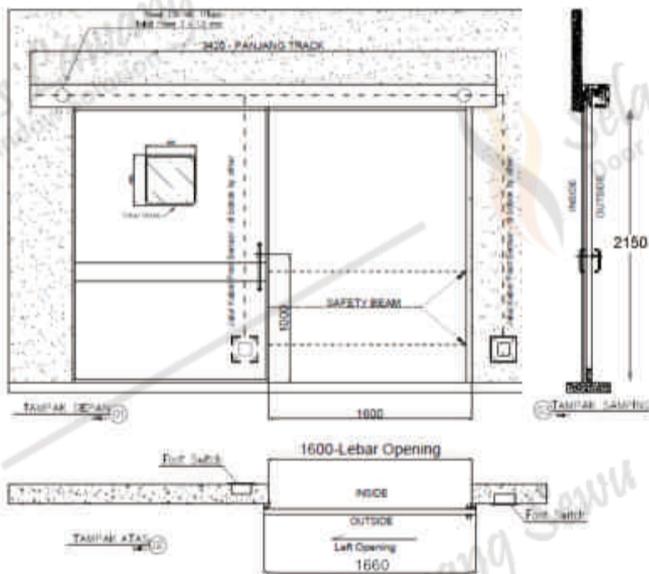


HRM 2403 S
Hermetic Single



HRM 2403 D
Hermetic Double

Technical Drawing



Clear opening width	
Single door (Small)	900mm
	(Large) 1600mm
Double door	1800mm
Height	2150mm

- Window : 400x400mm double frameless
- Safety : 2 safety beam sensor
- Double rubber seal in 4 slides of the door
- Delay For Opening : 2 - 20s
- Door close force : >70N
- Manual open Force : >100N
- Power Consumption : 150VA

Material

- The head rail of sliding door is made of aluminum alloy.
- Door : SS foam insulated
- Cover : Aluminium Anodized Coating
- Handle : Stainless Steel



Technical Data

HRM 2403 S

Hermetic Single

- **Motor type** : TORMAX with coding device
- **Processor** : Digital micro processor with error detection
- **Historical** : Historical data
- **Opening speed** : 5 35 cm/s
- **Closing speed** : 5 35 cm/s
- **Hold open time** : 0,5 120 second
- **Main connection** : 1 phase, 230/115 VAC, 50/60 Hz
- **Power consumption** : 13 200 watt
- **Protecting class** : IP 22
- **Ambient temperature** : 10°..... 50°C

Feature

- Safety design
- Low level noise
- Compact design
- Automatic change over to manual closing
- Electric lock system
- Emergency battery pack

HRM 2403 D

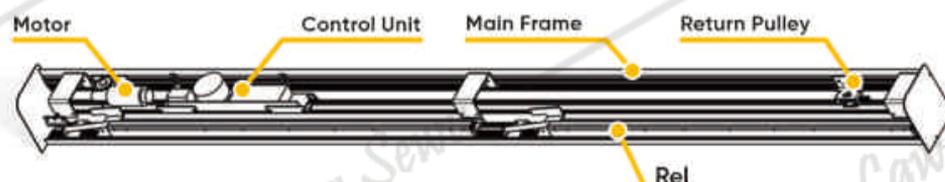
Hermetic Double

- **Motor type** : TORMAX with coding device
- **Processor** : Digital micro processor with error detection
- **Historical** : Historical data
- **Opening speed** : 10 70 cm/s
- **Closing speed** : 10 70 cm/s
- **Hold open time** : 0,5 120 second
- **Main connection** : 1 phase, 230/115 VAC, 50/60 Hz
- **Power consumption** : 13 200 watt
- **Protecting class** : IP 22
- **Ambient temperature** : 10°..... 50°C

Benefit

- Flexible configuration
- Easy transformation and easy mounting
- Low noise motor
- Various function as standard

HERMETIC Sliding Door Operator



Hermetic X-Ray

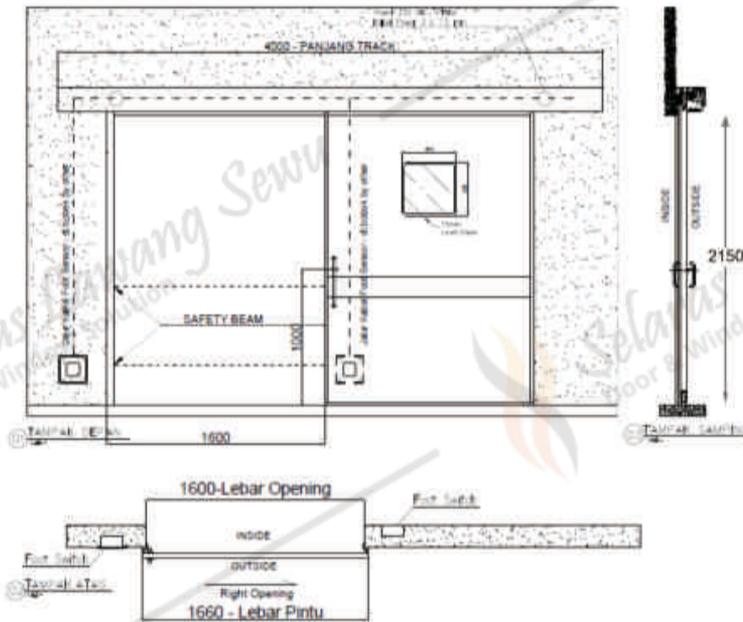
X Ray room according to aimed where required handling and special attention for safeties. Equip with lead plate inside of the door, guarantee to protect the people from X Ray radiation.



Specification

- Clear opening width
- Single door (Small) 900 (Large) 1600
- Double door 1800
- Height 2150

Available Type :



HRM 2403 SR

Hermetic X-Ray Single

HRM 2403 DR

Hermetic X-Ray Double

- Window : Double anti radiation glass
- Safety : 2 Safety beam sensor
- Double rubber seal in 4 sides of the door
- Delay for opening : 2-20s
- Door close force : >70N
- Manual open force : <100N
- Power consumption : 150VA

Material

- The head rail of sliding door is made of aluminum alloy.
- Door : SS insulated foam lead plate with lead equivalent 1 mmPb - 2 mmPb is put inside of the door to contain the X-Ray radiation.
- Cover : Aluminium Anodized Coating
- Handle : Stainless steel

Hermetic X-Ray HRM 2403 SR	
Motor type	TORMAX with coding device
Processor	Digital micro processor
Opening speed	10 30 cm/s
Closing speed	10 35 cm/s
Hold open time	0,5 60 second
Main connection	1 phase, 230VAC, 50/60 Hz
Power consumption	20 300 watt
Protecting class	IP 22
Ambient temperature	10 500 C

Hermetic X-Ray HRM 2403 DR	
Motor type	TORMAX with coding device
Processor	Digital micro processor
Opening speed	20 60 cm/s
Closing speed	10 35 cm/s
Hold open time	0,5 60 second
Main connection	1 phase, 230VAC, 50/60 Hz
Power consumption	20 300 watt
Protection class	IP 22
Ambient temperature	10 500 C

Hermetic Swing Door



HRM 1102 S

Hermetic Swing Single

- Drive Type : Tormax 1102 Swing door drive
- Drive System : Electro-mechanical drive with DC motor, extensible with modules, spring activated closing or opening
- Opening Angle : 70°...110° max
- Speed : 5...60°/second max
- Closing Speed : 5...60°/second max
- Hold open timer : 1...60 second
- Main connection : 230/115 VAC, 50/60 Hz
- Power consumption : 3...140 watt
- Protective class : IP 20
- Ambient temperature : 10-50°C
- Capacity : Up to 1000mm door width/leaf



HRM 1102 D

Hermetic Swing Double

- Drive Type : Tormax 1102 Swing door drive
- Drive System : Electro-mechanical drive with DC motor, extensible with modules, spring activated closing or opening
- Opening Angel : 70°...110° max
- Speed : 5...60°/second max
- Closing Speed : 5...60°/second max
- Hold open timer : 1...60 second
- Main connection : 230/115 VAC, 50/60 Hz
- Power consumption : 3...140 watt
- Protective class : IP 20
- Ambient temperature : 10-50°C
- Capacity : Up to 1000mm door width/leaf

Specification

- Clear opening width
 - Single door : 1000mm
 - Double door : 2000mm
 - Height door : 2150mm
- Opening angle : 00 - 1100
- Manual open force : 30N
- Operation noise : <50 dB
- Delay for opening : <1-20S
- Power consumption : 3-140W

Material

- The head rail of swing door is made of aluminum alloy
- Door : SS foam steel
- Cover : Aluminium Anodized Coating
- Handle : Stainless steel
- Window : 400x400mm double glass frameless
- Double rubber seal in 4 sides of the door

OT Layout

Return Grill

Information panel
with X-Ray Viewer

OT wall (SGP Panel)

Conductive PVC Tile

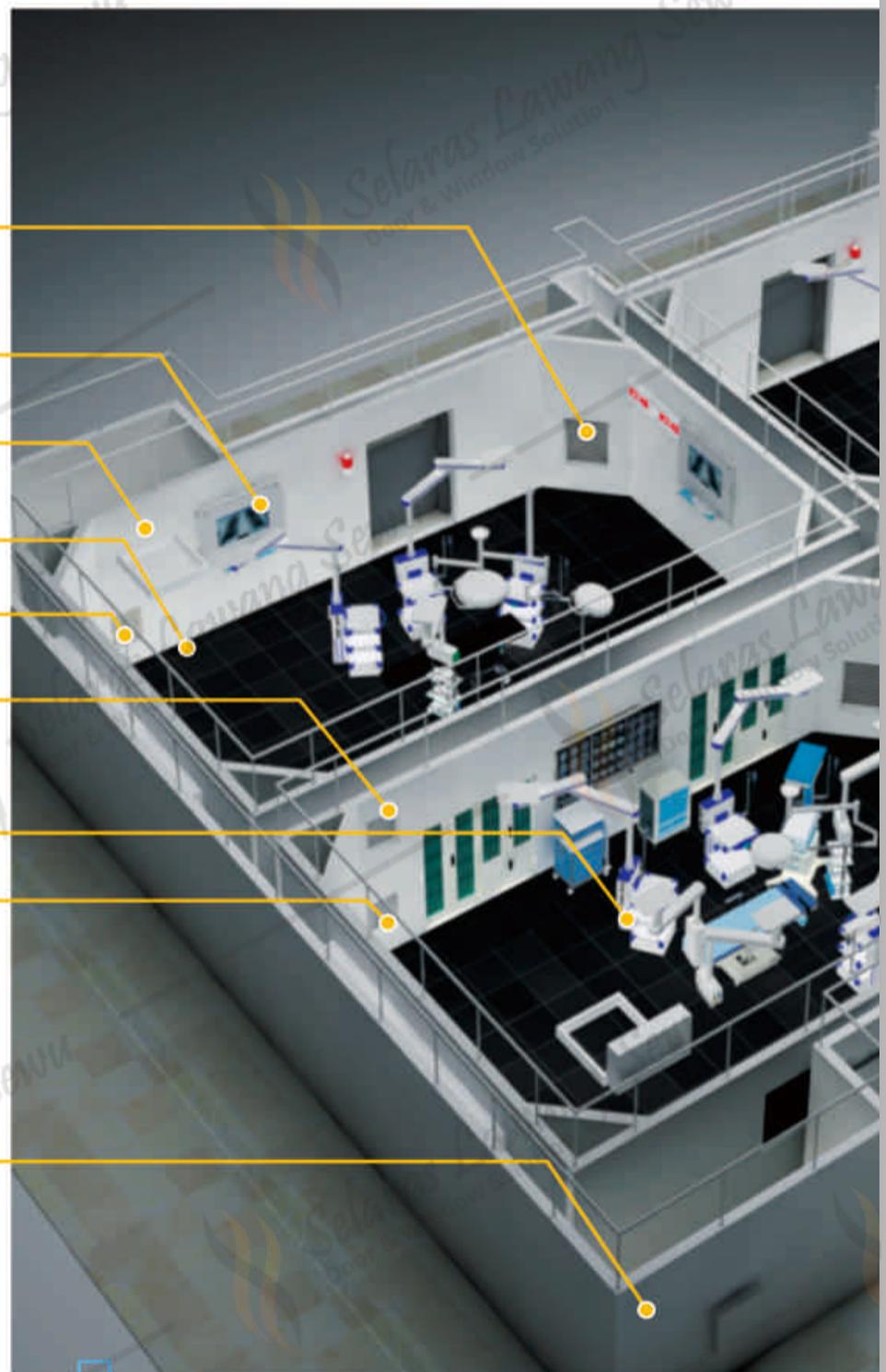
Electrical socket for medical use

Relief Damper

Ceiling Pendant (Endoscopy)

Passbox

UPS System



3D Design



Maintenance Service
Technical Hole

Medical Cabinet

X-Ray Viewer

Return Grill

Medical Pass Cabinet

Ceiling Pendant (Anesthesia)

IPS (Isolated Power System)

Indicator Light

Hermetic Single Door

Nurse Call

OT Clock

Scrubsink

Foot Switch

Complete Solution

- We provide all system
- We offer complex of all rangers of the hospital OT Equipment
- Trust our all product reference

+ Operating Theatre Product Accessories



■ Passbox



■ Disposal



■ Operating Timer



■ X-Ray Viewer



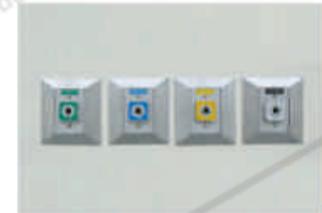
■ Cabinet



■ Cooler & Warmer Cabinet



■ Power Ground Module



■ Medical Gas Outlet



■ LED Lamp



■ Writing Table



■ Control Panel



■ Indicator Light

+ OPERATING THEATRE ACCESSORIES +

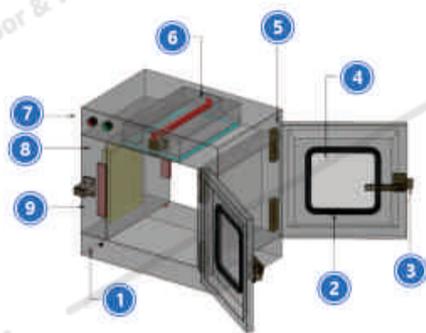
PASSBOX

In the area of special hospital for the room that needs the conditioned air pressure and the room should be free of contamination, the necessary drugs or areas where transportation of materials and the person or person not affect any adverse effects. In the world of a clean room many facilities are created following the existing problems, world of a clean room many facilities are created following the existing

problems. Commonly known as the Passbox.

Here's a little explanation about Passbox, is one type of facility, located in the partition wall clean room and its function will be a buffer zone for the transfer of goods between the inside and outside of a clean room so, to prevent disruption of air flow and air pressure in a clean room, which is caused by opening the door to the transfer of goods

which are installed in the wall between the two rooms to minimize contamination during transportation of materials. In addition, the operator can reduce the time to move in and out, to prevent dust coming from outside the are. That is why there is a guard interlock system controls the inlet and outlet Passbox could not be opened at the time, in order to prevent cross-contamination.



HRM KP03 SR

Lead Passbox

Description :

1. Switch Z 56 QB
2. Seal
3. Handle
4. Tempered Glass T = 5mm
5. Hinge
6. Lights UV
7. Lights LED 220VAC
8. Electrical
9. Magnetic Interlock



HRM KP03 S

At Generally Passbox also used in the area is clean and less clean areas. Passbox also used in micro technology, biotechnology, laboratories, pharmaceutical, electronics, factory. **Function:**

1. As an access for equipment to be used for operations.
2. It can reduce the time when operating personnel walk to prevent bring dust in and keep the stability of the clean room.

- | | | |
|---------------------|-------------------------------------|-------------------------------------|
| • Material | : Stainless steel SUS 304 grade | • Interlock System |
| • Outer size | : (800x800x500)mm / (600x600x500)mm | • Ultraviolet lights (UV) |
| • Body construction | : SUS 304 thick 1,5mm | • Magnetic interlock |
| • Finishing | : Mirror SS & Hairline SS | • Power supply, pilot lamp, switch, |
| • Accessories | : LED lights 22m diameter, 220VAC | • relay, hinge handle, seal |
| • LED Color | : Red & green | • View glass 5mm x 300mm x 300mm |



Disposal

HRM KP04 S

HRM KP04 SR

Lead Disposal

Disposal is used to transfer dirty items/dirty linen from inside the operating room to outside the room.

LED Operating Timer

HRM KP05 S

Advantages:

Because of the larger number shape, so that it can be seen more clearly even from a long distance. Using electric power as a source of energy. If the electric is off, the clock will die. But the time will be automatic updates if the electricity is on again (no need to reset).

Special time monitoring display:

- Computerized & Mini PC
- Integrated with Humidity & Temperature Sensor
- Can be set using mouse
- There are digital number setting in the date Time, and count down fields
- Display a frame measuring 75 x 60 cm/100 x 75 cm
- Use an average maximum power of 80 watt
- Input voltage of 220 volts AC

Features on Screen :

- Time : 00 : 00 : 00
- Date : 00 / 00 / 0000
- Temp : 00
- Humidity : 00
- Count up : 00 : 00 : 00





X-Ray Viewer

HRM KP06 S

Single Film

HRM KP06 D

Double Film

HRM KP06 T

Triple Film

Features includes:

- Super energy efficient
- Reduces eye fatigue
- 50,000 hours with maintenance
- Fully adjustable screen on desktop unit
- Super slim at 3cm (9cm less than standard models)
- Integrated film grip
- Conforms with the latest EC regulations
- Chassis manufactured in anti-scratch anodized aluminum

- Slim and stylish design
- Long lasting lamps
- High frequency inverter
- Continuous dimming

Tools & Medical Storage Cabinet

Size 1200 x 1600 x 400

Tools & Medical storage cabinet made by Stainless steel SUS 304 grade, ease of cleaning and anti rust properties material. By using Tools & medical storage cabinet, it's warranty to keep medical equipments are safe & sterile.

SPECIFICATION:

- Body made by stainless steel SUS 304 grade
- Frame made by stainless steel SUS 304 grade
- 2-4 shelves glasses (Adjustable High)

HRM KP07 S

Tools Cabinet



HRM KP08 S

Medical Cabinet



Cooler Warmer Cabinet

Cooler & Warmer Cabinet is a cupboard for cold and warm temperature storage to maintain sterilization.

HRM KP09 S

Cooler Cabinet

HRM KP10 S

Warmer Cabinet



- Power : Single 16A, 230 V, 2P, 3W Ground lock type

- Ground

- Enclosure : 1,6mm THK

Galvanized steel box with 1,2mm THK backed SCHNELL finished or stainless steel 304 cover.

HRM KP11 S

Power Ground Module



Medical Gas Outlet



HRM KP12 S

Medical Gas Outlet is an operating room component, the functions is to distribute medical gas.

Lighting Box

HRM KP13 S

The benefits of LED cleanliness luminaire are:

- Less energy consumed, efficiencies of 96-115 ll/cw
- Less luminaire required, saving both luminaire and utilisation cost
- Less CO2 emissions, efficient lighting reduces carbon emission
- Less maintenance LED lifespan can be over 50.000 hours
- Increasing savings, LED luminaire meet the criteria for ECA (Enhanced Capital Allow)
- Instant light, LEDs have no 'run-up' period or re-strike delay
- Durability, LEDs have no fragile tube or filaments
- Glass & mercury free, the ideal choice for cleanroom and foodsafe environment

With many pharmaceutical manufacturing environment and hospitals operating 24/7 the energy consumption is dramatically reduced, providing increased cost saving and reducing the payback period.

Composition

Welded steel structure, white epoxy coat finish (close to RAL9010)

- IP65 rated on lower side and IP64 rated on upper side
- High frequency control gear
- Detachable gear tray
- Lamps LED for energy saving
- TP(a) rated diffusers
- Anti-bacterial coating



Writing Table

HRM KP14 S

It is a writing desk in the Operating Theatre for the doctor to record the results of observations during surgery.

Control Panel

HRM KP15 S

Manual System

HRM KP16 S

Touch Screen System

One of the components that integrated with the operating room. There is also a Control panel with a Touch Screen System.





Ceiling Pendant System

KÜPPE

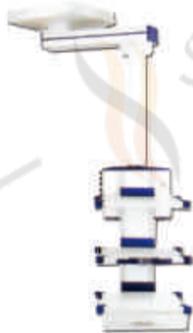
Modular Ceiling Pendant Surgery / Anesthesia

KUPPE has two ceiling pendant system Manual system & Motorized system

Manual System

HRM KP21 S

Surgery



Single Fixed Arm Pendant SF Series

Single Fixed Arm version consist of central ceiling with rotation axle and one movable carrying arm. Various service head can be attached to interface flange.

HRM KP23 S

Anesthesia



Double Fixed Arm Pendant DF Series

Double Fixed Arm version Consist of central ceiling mounting with rotation axle and two movable carrying arms. Various service head can be attached to interface flange.

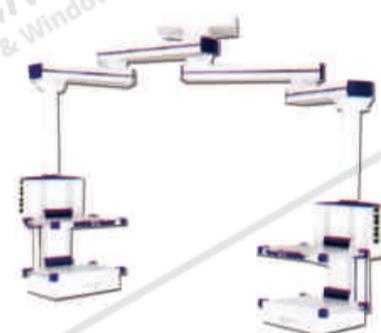
HRM KP21 D

Surgery

HRM KP23 D

Anesthesia

HRM KP19 D



ICU Twin Pendant DUO Series

ICU Twin Pendant Version offer a wide range of design possibilities for customer specific service supply unit from one single ceiling mounting.

Motorized System

HRM KP22 S

Surgery



Single Retractable Motorized Arm Pendant SM Series

Single Retractable Motorized Arm version consist of central ceiling mounting with rotation axle and movable carrying arm. Various service head can be attached to interface flange.

HRM KP24 S

Anesthesia

HRM KP22 D

Surgery



Double Retractable Motorized Arm Pendant DM Series

Double Retractable Motorized Arm version consist of central ceiling mounting with rotation axle and two movable carrying arms. Various service head can be attached to interface flange.

HRM KP24 D

Anesthesia

HRM KP20 D



ICU Retractable Motorized Arm Pendant SM Series

ICU Twin Pendant Rail system is specially design for ICU's space-saving equipment is horizontally moveable service head. It can create optimum and flexible working conditions.

+ Ceiling Pendant System



Medical Gas Connection

The medical gas outlets are installed to standard on the rear in the service head. Modular system for all brands/ standards of medical gas outlets. Individual compartment and cover insulated from electrical components.



Drawer

- Fixed below the shelf on the service head.
- Ball-bearing slides proving lateral stability and easy action for drawers, carrying heavy loads.



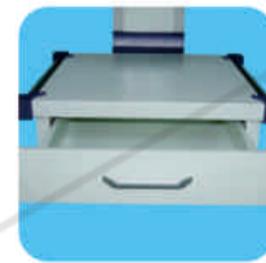
Electrical Connections

Critical electrical outlets supply power to the equipment on the shelves and auxiliary equipment needed in the care area.



IV pump holder/IV pole

- Height adjustable, made of stainless steel.
- Fitted on both side the service head.



Control Handle

- Height adjustable, made of stainless steel.
- Fitted on both side the service head.

Specification Pendant Arms

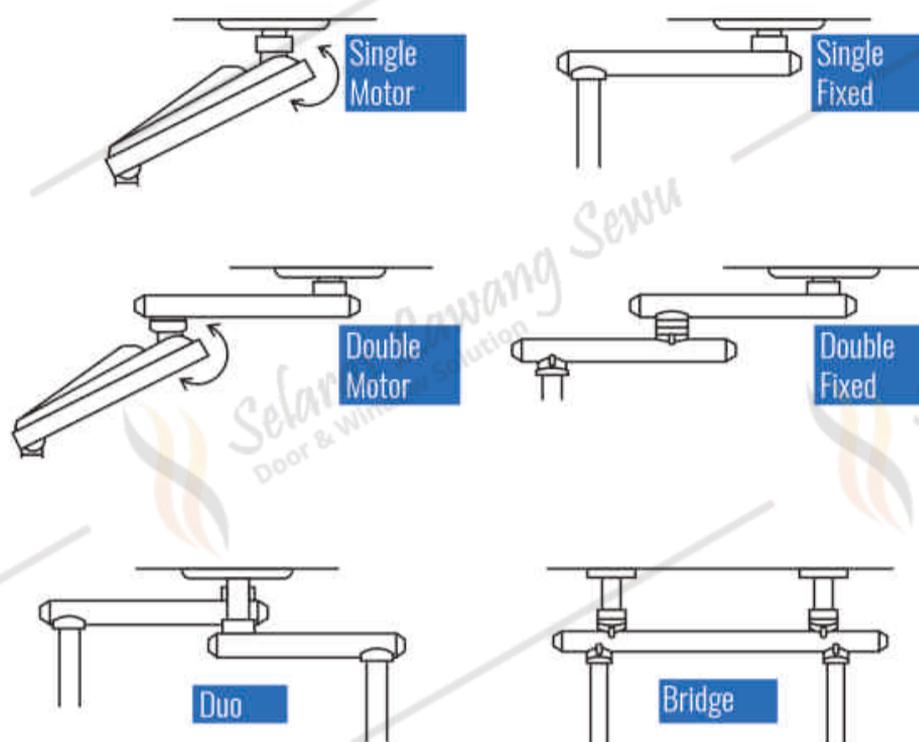
+ Choose one of Kind Solution

		SF Series	DF Series	SM Series	DM Series
Arm Length		600mm	1200mm (600+600mm)	1000mm	1600mm (600+1000mm)
		864mm	1464mm (864+600mm)	-	1864mm (864+1000mm)
		1130mm	1728mm (864+864mm)	-	2130mm (1130+1000mm)
		-	1994mm (1130+864mm)	-	-
Rotation	Ceiling Joint	330°	330°	330°	330°
	Middle Joint	-	330°	-	330°
	Head Joint	340°	340°	340°	340°
Brakes	Ceiling Joint	Air	Air	Air	Air
	Middle Joint	-	Air	-	Air
	Head Joint	Friction	Friction	Friction	Friction
Hi-Lo		-	-	610mm	610mm
Ceiling Height		2600~3700mm	2600~3700mm	2600~3700mm	2600~3700mm
Net Payload	With a 500mm Head	160Kg	140Kg	120Kg	120Kg
	With a 750mm Head	140Kg	120Kg	100Kg	100Kg
	With a 1000mm Head	120Kg	100Kg	-	-

Service Heads

Head Length	500mm	750mm	1000mm
Gas Outlets	8	10	12
Electrical Outlets	10	12	14
Shelf	2	3	4
Drawer	1	1	1
IV Pole	1 or 2	1 or 2	1 or 2
Low Voltage Provisions		Available on request	

Technical Specification



Operating Lamp **HRM KP29**

operating lamp with operating room standard.

Specification :

- Illuminance : $\geq 140.000 / \geq 120.000$ Lux Colour
- Temperature : $3800 \pm 500k$, $4400 \pm 500k$, $5000 \pm 500k$
- Colour Reduction Index (Ra) : 95
- Illuminance Depth : $\geq 1300mm$
- Total irradiance : $450W/m^2 / 390W/m^2$
- Size of Light Field : 160-280mm
- LED Bulb : $3,3mV/m^2lx$
- Service Life of illuminance : 50.000h
- Power Supply Voltage : AC110-240V, 50/60Hz
- Brightness Adjustment : Automatic - Stage Continuous Light Adjustment
- Lowest height of installation : 2900mm
- Total Power Consumption : 140W
- Total LED Bulb Quantity : 180 Pcs (18*6+12*6)



Operating Table

HRM KP30

Operating table that uses a Hydraulic & Electrical system.



Lead Sheet

Lead Sheet is used as a protective or coating on the radiology room in the hospital. This product is made from pure tin level close to 100% so it has perfect radiation resistance.

Thickness :
2mm & 3mm



Certificate



Lead 2mm

Lead 3mm



Lead Glass

HRM KP35

Lead 15mm

HRM KP36

Lead 20mm

Doors and radiology / operator station must use specially lead coated glass. With the recommended thickness of lead.

Lead Glass size :

- Door : 400 x 400mm
- Operator Room : A. 800 x 800mm
B. 1000 x 1000mm
C. 1000 x 1200mm
D. Customize

Certificate



Return Grill

HRM KP31

A Return air grill is an essential part of any HVAC system. A return air grill connects to duckwork that allows air to return to any cooling or heating system. The openings that connect to ducts and other spaces for the returning air are normally with grillwork.



Scrubsink

Stainless steel SUS 304

- High quality material and finished
- Available in 1, 2 and 3 washing station

Easy for maintenance, more hygienic water with:

- Power supply: 220 vac, 1000 watt
- UV Sterilization with selector for warm or cool water
- Water filter 1 micron

HRM KP18 S

One Station

HRM KP18 D

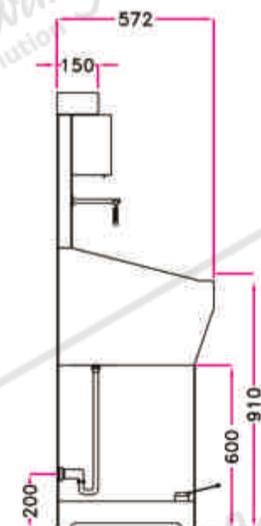
Two Stations

HRM KP18 T

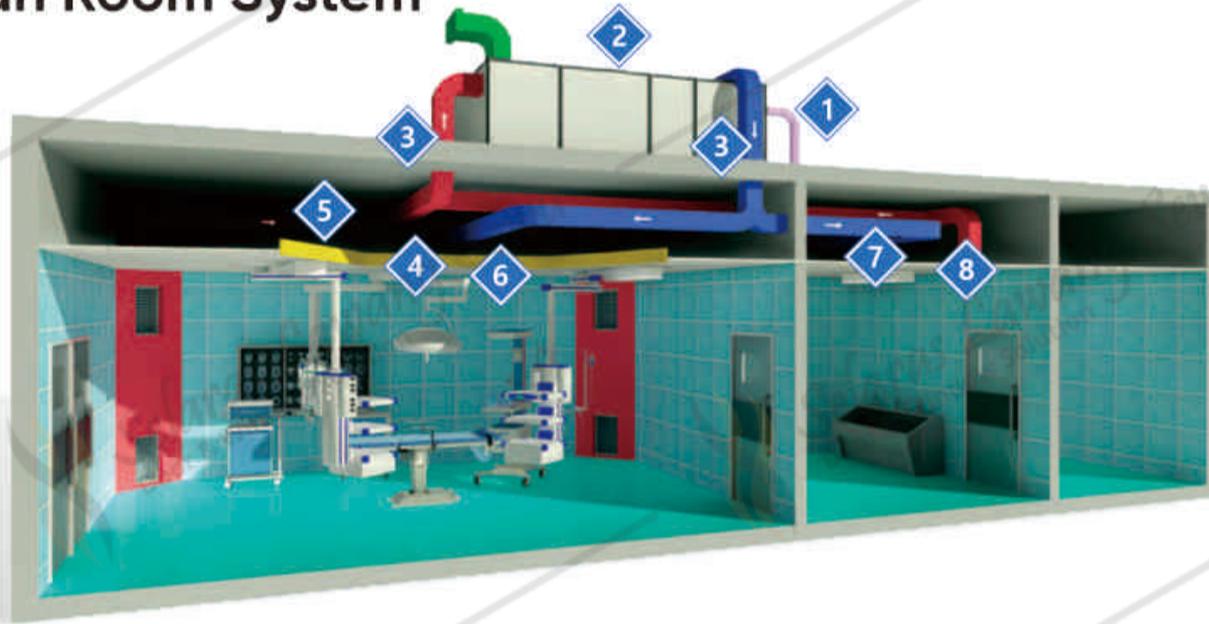
Three Stations



Scrubsink 1 (One) station, L = 1000mm
Scrubsink 2 (Two) stations, L = 1850mm
Scrubsink 3 (Three) stations, L = 2400mm



Clean Room System



Description :

1. Condensing Unit
2. Air Handling Unit
3. Dumpers
4. HEPA Filter

5. Plenum Frame
6. Diffusers
7. Supply Grilles
8. Return Grilles

- Fresh Air
- Supply Air
- Return Air

“

Our custom-made solutions are in line with the latest technology and are derived from a sophisticated market oriented experts system. Naturally we introduce our know - how from other health care projects in the world. SLS experts are used and pleased to be involved with health care projects and to corporated with hospital management, medical doctors, consultants and construction firms.

”



+ Clean Room Design Guide

- **Patterns of Air Flow**

Laminar flow type (horizontal, vertical) turbulent flow type, mixed type, tunnel type.

- **Lay-out**

Lay-out is to be organized in consideration for the working efficiency and cleanliness level. Work raising dust is to be separated from other works. (The entrance, passageway, utility and maintenance have to be considered).

- **Cleanliness level**

Cleanliness level of clean room is determined by the type of air flow, the number of ventilation and indoor pressure.

- **Utility**

Equipment which supply an energy have to be flow, the flexibility of layout, besides, one should pay an attention not to decrease the cleanliness level for a maintenance.

- **Safety & Emergency Plan**

Provision against a fire and a gas leak is required because clean room is shut tightly. For the equipment affected by a power failure, the use of emergency power source should be examined.

- **Structure & Materials**

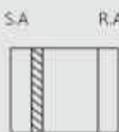
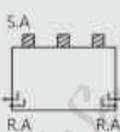
Indoor surface have to be smooth in order to maintain the air flow and to prevent a dust from being piled up. For the selection of the materials, the low level of dust appearance and easiness of detaching the particles adsorbed on the materials have to be considered. In special case, the materials having chemical resistance, moisture resistance, and fire resistance are used.

- **Control to Working Persons and Materials**

Working persons and materials carried in clean room mainly raise dust. Working persons have to know the basic knowledge for clean room.

- **Equipment**

Clean room consists of air shower (for removal of dusts). Pass box (for control to the indoor pressure) clean and clean locker (for safekeeping of the goods and packages) thus, one have to understand the function of each equipment.

Item	Method	Horizontal Laminar Airflow Clean Room	Turbulent Airflow Clean Room	Clean Tube Clean Room
Cleanliness Level		CLASS 10	CLASS 1,000~100,000	CLASS 1,000 ~ 10,000
Cleanliness During Working		The Upper Flow Influences the low part	Workers affect cleanliness	Workers rarely affect cleanliness
Initial Cost		Medium	Low	Medium
Operating Cost		Medium	Low	Medium
Repair		Hard	Easy	Hard
Maintain		Easy	Easy	Hard
Extension		Hard	Possible	Hard
Maintenance		Unbalanced	Unbalanced	Maintain high cleanliness
System				

Cobalt & Linac Door


TORMAX
AUTOMATIC
SWISS



Cobalt Door

HRM 24X1 SR

Cobalt is one of the tools used for cancer treatment. The principle of Cobalt therapy is to provide electromagnetic radiation emitted by cobalt. This radiation can cause as much damage as possible to tumour tissue and as little as possible to normal tissue.

The method is used directly on the tumour from various directions with certain energy so that the maximum dose is obtained. In essence, the core of the Cobalt teletherapy plane is a source of radioisotopes that emit gamma rays with an average energy of 1,250 MeV.

- Door coated with Pb about 6 mm to 10 mm, to absorb radiation.

This door is driven by an automatic TORMAX machine made in Switzerland which is capable of moving doors weighing 1,500 kg.



Linac Door

HRM 1840 SR

G:B:D:
MADE IN ITALY
SINCE
1972 

Linear accelerator (Linac) is a tool in the health sector that uses radiation energy. Linac can produce photons and electrons in various energy levels. In the health sector, linac is used as an external radiation therapy tool in cancer patients. Linac can be used for whole body therapy as well as parts of the body only.

Operation with an energy of more than 6 MeV will cause secondary radiation in the form of neutrons and gamma prompts.

Door Linac Layer:

- Pb about 6 mm - 10mm to absorb radiation
- BPE (Borated Polyethylene) where this substance serves to block the existing neutron rays.

This door is driven by an automatic GBD machine made in Italy which is capable of moving doors weighing 2,500 kg.

Automatic Telescopic

ICU/ICCU in accordance with its purpose, where the necessary handling and special attention become very required. TORMAX has created a special profile for door leaf where equipped with rubber seal (only 22mm width) to keep contaminated from outside environment. With tempered glass 8-10mm ensure a safety use and situation inside can be monitored intensively. Sensor as a activator will give a help to open and close easily.

HRM 2201 TLS

Single

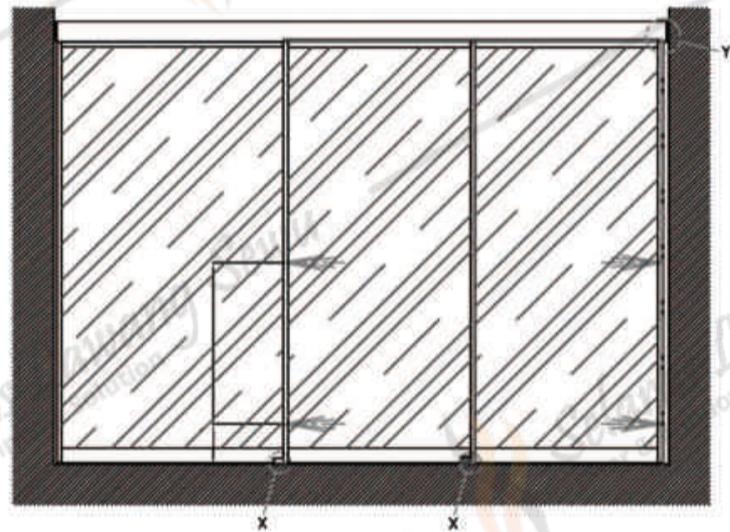
HRM 2201 TLD

Double

Clean room door



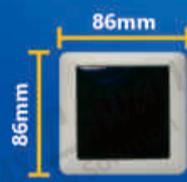
Can be substituted for engineering door, which is made from wood, mdf, etc. With this system & material can be reach comfort, long life, optimized, and hygiene environment. Comfort for patient. The door material is made alloy/zinc alloy/galvanum. With finishing powder coating and anti bacterial insulated with PU foam, handle and lock stainless steel. Along the side of there are rubber seal strips to meet the sanitary requirements of hospital.



Accessories Medical Door



Foot Switch



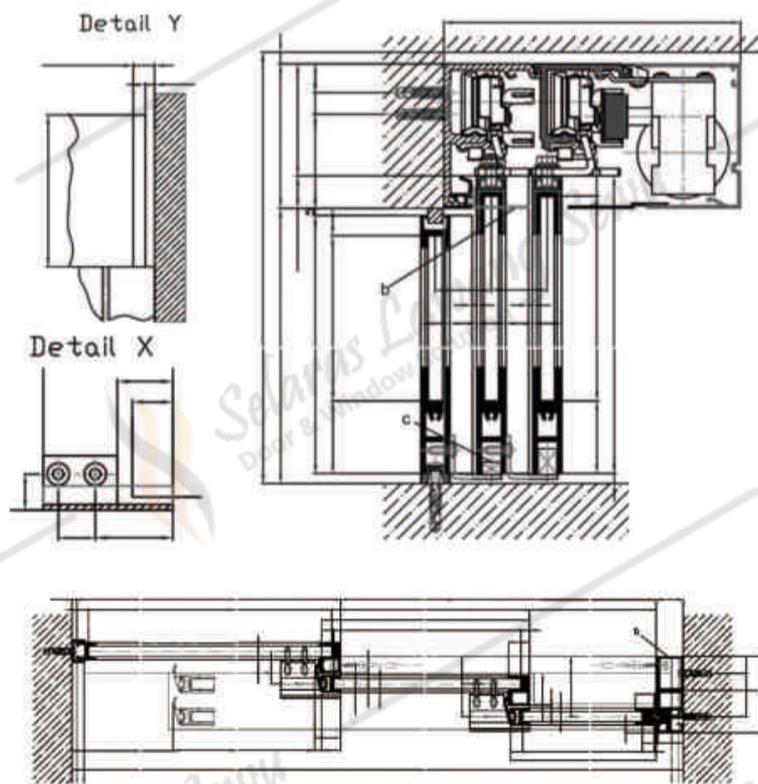
Touchless Sensor



Sensor



Elbow & Foot Switch (Stainless Steel)
Height : 1305mm, Width : 85mm and
thickness : 30mm



KÜPPE

HRM KP01 S

Single Door

HRM KP01 D

Double Door

KUPPE concern to remove obstacles in hospital, psychiatric clinic and care homes. In private and rehab clinics, in sanatoria, spa & spa hotels.

Pushing bed through the corridors, a patient walking on crutches entering the care home in a wheel chair. Automatic doors give people safety and security, in the field of healthcare automatic doors are not an option but a necessary for freedom of movement and hygiene. Hospital and care home directors, hospital consultant and security staff all benefit from automatic doors thanks to networked security system rapid opening capability and the need for sterile environments. Safety in the event of a disaster, thanks to fire protection and escape functions. In short, the protection of life.

Sterility is an essential requirements in the operating theatre. When we leave the washroom - where we have sterilized my hands - we can't touch anything until we entering Operating Theatre. Automatic doors are part of the balanced air pressure and ventilation system at the opening of the room. They contribute to our efforts to prevent bacterial contamination as much as possible in the operating theatre.

Specification Table

• Clear Opening Width

Single Door	(small)	900mm
	(large)	1600mm
Double Door		1800mm
Height		2150mm, 2400mm

• Material

The head rail of sliding door is made of aluminium alloy.

Door : SS foam insulated

Cover : Aluminium Anodized Coating

Handle : Stainless Steel

• Window

400mm x 400mm double frameless

• Safety

4 safety beam sensor

• Double rubber seal in 4 sides of the door

• Delay for opening

2 - 20s

• Door close force

>70N

• Manual open force

<100N

• Power consumption

150VA

Hermetic Door

A gift that is owned by humans is health.

We can feel that without good health, all have no meaning



Automatic Non-Hermetic

KÜPPE



HRM KPI041 S

Single Door

• Automatic Sliding Door for

- Single -Leaf Type and Double door type are available
- Door leaves are made by Steel Painting frames or SS304 matte finish frames and large tempered glass 8mm - 12mm, easy for installation

HRM KPI041 D

Double Door

- : » Ante Room
- » ICU/ICCU
- » Pre-Operation Room
- » Recovery Room

Specification

Size Opening	Width 1500mm	Height 2150mm
Door Leaf	Steel/Aluminium 0,7mm Powder Coating	
Door Frame	Stainless Steel 304	
Insulation	EPS (Expandable Polystyrene)	
1 Set	Handle DEKKSON	
1 Sheet	Glass View Non-Tempered 6mm	
1 Unit	KUPPE machine	



KÜPPE



Stainless Steel Door Single

+ Stainless Steel Door

- Door Frame : Stainless Steel Plate 1,5mm
- Door Leaf : Stainless Steel Plate 1 - 1,2mm
- Door Framework : Made from steel plate 47-50mm thickness
- Accessories :
 - » Hinge DKS ESS DL 4x3x3mm 2BB SSS
 - » Pull Handle
 - » Lockcase MTS IL 8672 + Cylinder DKS DC 70mm
 - » Flush Bolt FB SQ 501 - 270mm & 370mm (for Double Door)
- Optional :
 - » Clear Glass
 - » Louvre (from Stainless Steel Plate)
 - » Door Closer DKS DCL 105 NHO NA

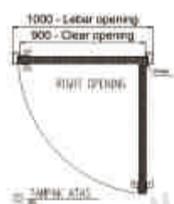
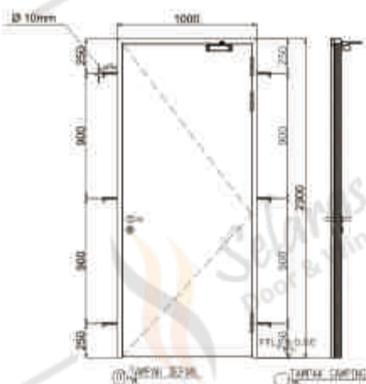
Outer Frame Size (mm)		Construction Size (mm)		Final Opening Size (mm)	
Lenght	Height	Lenght	Height	Lenght	Height
1000	2125	1010	2130	930	2090
1250	2000	1260	2005	1180	1965
1000	2125	1260	2130	1180	2090
1000	2125	1260	2250	1180	2215

Stainless Steel Door Double

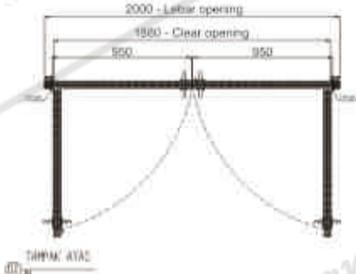
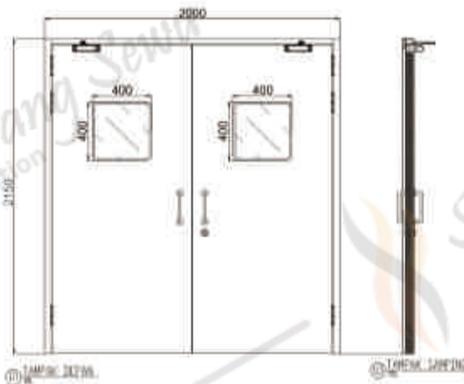


Outer Frame Size (mm)		Construction Size (mm)		Final Opening Size (mm)	
Lenght	Height	Lenght	Height	Lenght	Height
1500	2000	1510	2005	1436	1968
1500	2125	1510	2130	1436	2093
1700	2000	1760	2005	1686	1968
2000	2000	2010	2005	1986	1968
2000	2125	2010	2130	1936	2093
2000	2500	2010	2505	1936	2468
2125	2125	2135	2130	2061	2093
2250	2250	2260	2255	2186	2218
2500	2500	2510	2505	2436	2468

Stainless Steel Door Single



Stainless Steel Door Double



Stainless Steel Single Solid

KP 260 S

Stainless Steel Single + View (Custom)

KP 260 SG

Stainless Steel Double Solid

KP 260 D

Stainless Steel Double + View (Custom)

KP 260 DG



Lead Steel & Stainless Steel Door

KÜPPE

**Lead Steel
Single Solid**
KP 261 SR

**Lead Steel
Single + Viewer (Custom)**
KP 261 SGR

**Lead Stainless Steel
Single Solid**
KP 260 SR

**Lead Steel
Single + Viewer (Custom)**
KP 260 SGR

**Lead Steel
Double Solid**
KP 261 DR

**Lead Steel
Double + Viewer (Custom)**
KP 261 DGR

**Lead Stainless Steel
Double Solid**
KP 260 DR

**Lead Steel
Double + Viewer (Custom)**
KP 260 DGR

Lead Steel Door Specification

- Door Frame : Steel Plate Lead Coated 2mm
- Door Leaf : Steel Plate Lead Coated 2mm
- Accessories : » Hinge DKS NRP 316 8x4x4mm 6BB SSS
 - » Lever Handle
 - » Lockcase X-Ray + Cylinder
 - » Door Closer DKS DCL 105 NHO NA
 - » Door Seal
 - » Flush Bolt (for Double Door)
- Optional : » Clear Glass Lead Coated

Lead Stainless Steel Door Specification

- Door Frame : Stainless Steel Plate Lead Coated 2mm
- Door Leaf : Stainless Steel Plate Lead Coated 2mm
- Accessories : » Hinge DKS NRP 316 8x4x4mm 6BB SSS
 - » Lockcase X-Ray + Cylinder
 - » Lever Handle
 - » Door Closer DKS DCL 105 NHO NA
 - » Door Seal
 - » Flush Bolt (for Double Door)
- Optional : » Clear Glass Lead Coated

Lead Steel Door

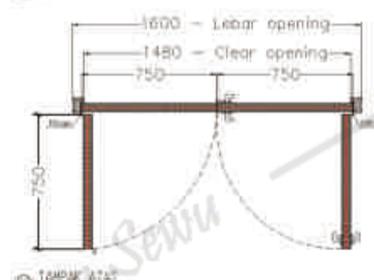
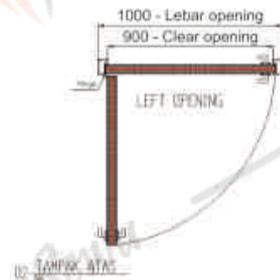
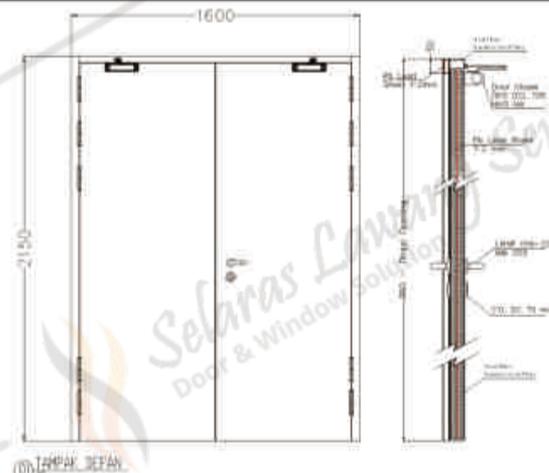
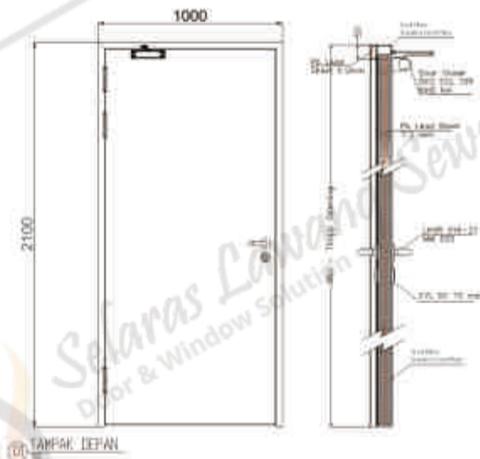


Lead Stainless Steel Door



Lead Steel / Stainless Steel Door Single

Lead Steel / Stainless Steel Door Double



Insulated Metal & Aluminium Door

AMK
ALUMINIUM KAYU SOLUSI

Metal & Aluminum Doors

Become a Substitute for Wood Doors / Engineering Wood

Metal & Aluminum doors are an alternative to engineering wood doors, which are generally not resistant to weather and termites. Aluminum Insulated Doors, made of Metal & Insulated Aluminum, which are of high quality with Heat Transferred Printing Finishing and are supported by complete features and accessories to maximize the safety and beauty of your door.

Room Door

For Room Doors, there are 2 types of doors, namely Room with Relief Damper and without Relief Damper, and equipped with Viewer and Non-Glass Viewer.

There are several color choices that can be adjusted to the design of houses, offices, hospitals and other buildings.

Application Usage

- Commercial Buildings
- Industrial Buildings
- Hospital
- Residential home
- Schools, Apartments
- Hotels, etc.

AMK Door Specification

Opening Size	<ul style="list-style-type: none"> • WIDTH 900mm HEIGHT 2150mm (Single Door) • WIDTH 900mm + 300mm HEIGHT 2150mm (Double Door) • WIDTH 900mm + 500mm HEIGHT 2150mm (Double Door)
Door Frame	Steel 1mm / Galvanized 1mm Coating (Optional Anti Bacterial)**
Door	Steel 0,7mm / Aluminium 1,2mm Coating (Optional Anti Bacterial)**
Insulation	Expanded Polystyrene (EPS)
1 Pair	Hinge AMK Satin Stainless Steel
1 Set	Lock Case + Cylinder AMK Satin Stainless Steel
1 Set	Lever Handle AMK Satin Stainless Steel
1 Set	Door Closer AMK
1 Set (Double Door)	Flush Bolt
1 Sheet (Optional)	<ul style="list-style-type: none"> • Double Glass Viewer Uk. 150mm x 600mm • Double Glass Viewer Uk. 150mm x 1700mm

***) Terms and Conditions Required

SINGLE STEEL DOOR
Solid

AMK 2610 S

Short View

AMK 2611 S

Long View

AMK 2612 S

Solid + Relief Damper

AMK 2613 S

Short View + Relief Damper

AMK 2614 S

SINGLE ALUMINIUM DOOR
Solid

AMK 2615 S

Short View

AMK 2616 S

Long View

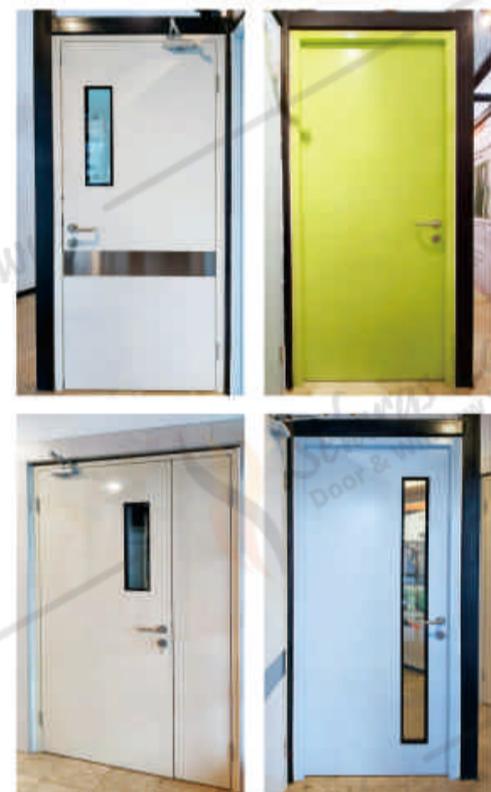
AMK 2617 S

Solid + Relief Damper

AMK 2618 S

Short View + Relief Damper

AMK 2619 S



DOUBLE STEEL DOOR
Solid

AMK 2620 D

Short View

AMK 2621 D

Long View

AMK 2622 D

Solid + Relief Damper

AMK 2623 D

Short View + Relief Damper

AMK 2624 D

DOUBLE ALUMINIUM DOOR
Solid

AMK 2625 S

Short View

AMK 2626 S

Long View

AMK 2627 S

Solid + Relief Damper

AMK 2628 S

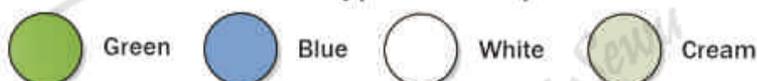
Short View + Relief Damper

AMK 2629 S

AMK DOUBLE FOR INPATIENT DOOR



Available 4 Type Color Option :



OPERATING THEATRE REFERENCES



By specialists:

Schnell has in-depth knowledge of the high standards of hospitals and clinics and develops comprehensive concepts for efficient and streamlined processes, for decades. Schnell has been providing complete solution for OR, nursing and intensive care units, recovery rooms and EM as well as all auxiliary room Schnell accompanies its clients from the start of a project through the final handover. Consulting, conception, realization and after-sales service Schnell takes care of it all.

Healthcare Equipment

- We keep abreast of healthcare technology
- Manage and control purchase, inventory and costs of equipment and furniture
- Plan, commission and install equipment in specialized healthcare department

PRODUCT REFERENCES

Hermetic Sliding Door



Hermetic Sliding Double



Hermetic Sliding Door X-Ray



Hermetic Swing Door



Cobalt / Linac Door





PRODUCT WARRANTY

- We always provide warranty for each our products, which customers will receive one-year warranty, depending on the cause of damage on the product.
- Customer will receive certificate of warranty.

AFTER-SALES SERVICE

- We also provide after-sales service for our product.
- A technician that always ready to be call.

SPARE PARTS AVAILABILITY

- Original Spare Parts
- The best quality spare parts.
- Durable spare parts.

Selaras Lawang Sewu After-Sales Service

 0812 2013 232



OUR PROJECT



RS Mayapada, Tangerang



RS UNAIR, Surabaya



RS Dharmais, Jakarta



RS Banjar Baru, Kalimantan



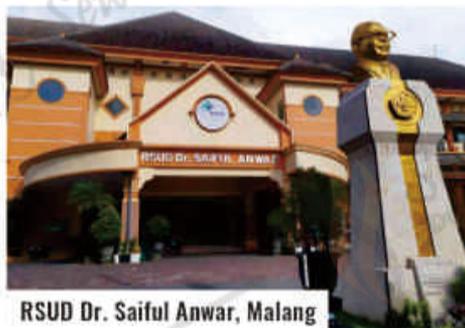
RSUP Dr. Hasan Sadikin, Bandung



RSUD Wongsonegoro, Semarang



RS Charitas, Palembang



RSUD Dr. Saiful Anwar, Malang



RS Dr. Tadjuddin Chalid, Makassar



RSUD Mataram, Nusa Tenggara Barat

AND MANY

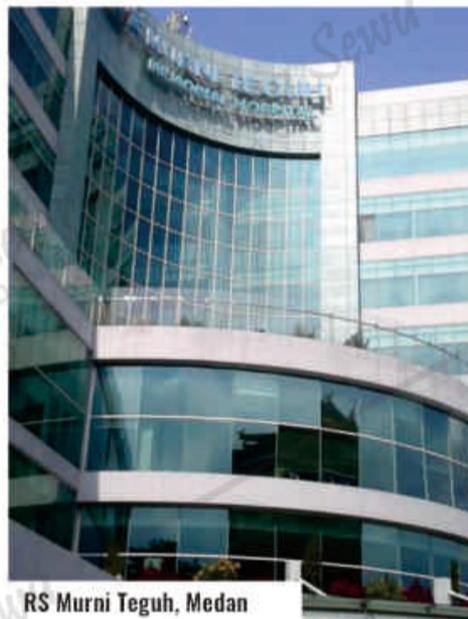
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Jakarta Eye Centre, Jakarta



RS Murni Teguh, Medan



RSUD Dr. Soedono, Madiun



RSUD Dr. Agoesdjani, Ketapang



RSUP Sanglah, Bali



RS JIH, Yogyakarta



RSUD Konawe, Sulawesi



Charlie Hospital, Semarang

MORE...

JABODETABEK

Proyek RS Citra Garden City 5
Proyek RS Pondok Indah
Proyek Atmajaya
Proyek Harapan Kita
Proyek Jakarta Eyes Center
Proyek RSUD Fatmawati
Proyek Hospital Mayapada - TB Simatupang
Proyek RS ANTAM Medika
Proyek Tanjung Priok
Proyek Puri Mandiri - Kedoya
Proyek RS Nisa
Proyek RS Ukrida
Proyek Smart Marunda
Proyek RS Medistra
Proyek Ciputra Medical Center
Proyek RSUD Pesanggrahan
Proyek RSCM Kirana
Proyek RS TNI AL Mintoharjo
Proyek RS Mayapada
Proyek RSUD Taman Sari
Proyek RSUD Tarakan (Sky Hospital)
Proyek Klinik Indrajaya
Proyek RS Husada
Proyek Brawijaya Healthy Care Group
Proyek RS Cimacan
Proyek RS Leuwiliang - Bogor
Proyek RS Pertamina - Sentul
Proyek Bunda Aliyah - Depok
Proyek RSUD - Cibinong
Proyek IBS RSUD - Cibinong
Proyek RS Unimedika - Bekasi
Proyek RS Sentosa - Bekasi
Proyek Royal Dental Hospital - Tangerang
Proyek RS Citereup
Proyek RS Graha MM2100 - Cibitung
Proyek RSIA Bina Medika - Bintaro
Proyek RS Bhakti Asih
Proyek RSUD Tangerang Selatan

JAWA TENGAH

Proyek RSUD Prembun - Kebumen
Proyek RS Biora
Proyek RSUD - Temanggung
Proyek RSUD Prof. Dr. Margono Soekarjo - Banyumas
Proyek RS Tugu - Semarang
Proyek SMC RS Telogorejo Semarang
Proyek RS Colombia Asia - Semarang
Proyek IBS ICU Terpadu RSUD - Semarang
Proyek Mitra Bangsa - Pati
Proyek PKU Muhammadiyah Mayong - Jepara
Proyek PKU Muhammadiyah - Surakarta
Proyek RS Brebes
Proyek RSUD - Salatiga
Proyek RS Purworejo
Proyek RS JIH - Solo
Proyek IGD RSKS - Pati
Proyek OEN - Solo
Proyek RS Akpol - Semarang
Proyek RSUD Wongsonegoro - Semarang
Proyek RSUD - Muntilan
Proyek RSUD - Batang
Proyek RSUD KRT Setjonegoro - Wonosobo
Proyek RSUD Kardinah - Tegal
Proyek IBS RSUD Hj Anna Lasmanah - Banjarnegara
Proyek RSUD - Ambarawa
Proyek RSUD Sragen
Proyek RSUI Harapan Anda - Tegal
Proyek RSUP Dr. Kariadi - Semarang
Proyek RS PKU Muhammadiyah - Gombong
Proyek RS Purworejo
Proyek RSUD Wongsonegoro
Proyek RSGMP Unimus
Proyek RS Sultan Agung - Semarang
Proyek RSUD Ambarawa
Proyek RS Fastabiq Sehat - Pati
Proyek RSUD Batang
Proyek RSUD - Rembang
Proyek RSUD RA Kartini - Jepara
Proyek RSUD Raden Patah arang Awen - Demak
Proyek Charlie Hospital - Semarang

Proyek RSUP Klaten
Proyek RSUD Goeteng - Purbalingga
Proyek RS Paru Jajar - Surakarta
Proyek RSUD Bung Karno - Solo
Proyek RS Indriati - Solo
Proyek RS Indriati - Boyolali
Proyek RS PKU Singkil - Tegal
Proyek RS Bina Husada - Rembang
Proyek RS Priscilla Cilacap
Proyek RSIAD Purbalingga
Proyek RSI Kudus
Proyek RSUD Dr. Loekmono Hadi Kudus
Proyek RS Panti Wilasa Citarum Semarang
Proyek RS Amal Sehat - Sragen
Proyek RS Ibnu Sina - Sragen

D.I YOGYAKARTA

Proyek PKU Muhammadiyah
Proyek RSGM UGM
Proyek RS Saptosari
Proyek RS UII
Proyek RS UMY
Proyek RS Panti Rapih
Proyek RSUP Dr. Sardjito
Proyek RS JIH
Proyek RSUD Wates Kulon Progo
Proyek RSI Hidayatullah
Proyek RSUD Bantul
Proyek RSUD - Sleman
Proyek RSGM UMY
Proyek RSUD Penembahan Senopati Bantul

JAWA BARAT

Proyek RS Hasan Sadikin - Bandung
Proyek RS Persada Medik
Proyek RSIA Permata Pertiwi
Proyek RS Dustira
Proyek Melinda Hospital
Proyek RSUD Langensari
Proyek RSKIA Bandung

JAWA TIMUR

Proyek RS Haji - Surabaya
Proyek RS Unair - Surabaya
Proyek Delta Surya - Sidoarjo
Proyek RSUD - Mojokerto
Proyek SILOAM Hospital - Surabaya
Proyek RS Adi Husada - Surabaya
Proyek RS Cendana Kanigoro - Blitar
Proyek Gedung Radio Terapi RS Malang
Proyek RS Lavayette - Malang
Proyek Dr. Soetomo - Surabaya
Proyek RS Adhi Husada - Surabaya
Proyek RSMU Blitar
Proyek RS Medika Mulia - Tuban
Proyek IGN Tahap II 18 RSUD - Sidoarjo
Proyek RS Islam - Malang
Proyek RSUD Sidoarjo
Proyek RSUD Bangkalan - Madura
Proyek RS Al Huda - Banyuwangi
Proyek RS Mata Undaan - Surabaya
Proyek RS Muhammadiyah Babat - Lamongan
Proyek STOC 18 (Gedung STOC Dr. Soetomo)
Proyek RS Karsa Husada
Proyek RSU Jombang
Proyek RS Lumajang
Proyek RSUD Srengat Blitar
Proyek RSUD Soedono Madiun

SUMATRA

Proyek RS Ibnu Sina - Padang
Proyek RS Unand - Padang
Proyek RS Hanafiah Batu Sangkar
Proyek RSUD Padang Panjang
Proyek RS Awal Bross - Pekanbaru
Proyek RSUD Arifin Ahmad - Pekanbaru
Proyek RSUD IDI - Aceh Timur
Proyek RS Semen Padang
Proyek Murni Teguh - Medan
Proyek RS Adam Malik - Medan

Proyek RS Charitas - Palembang
Proyek RS Pelabuhan - Palembang
Proyek RSJ Tampan - Riau
Proyek RS Harapan Bunda - Banda Aceh
Proyek RSUD - Meulaboh
Proyek RSUD Duri - Riau
Proyek Awal Bross - Batam
Proyek RS KIM - Pangkal Pinang
Proyek RS Universitas Andalas
Proyek RS BP Batam
Proyek RS Tiara Sella - Bengkulu
Proyek Sufina Aziz - Medan
Proyek RS Datu Beru - Aceh
Proyek RS Paru - Lubuk Alung
Proyek RS Rasiding - Padang
Proyek RS Kim Pangkalpinang
Proyek RSUD Rivai Palembang
Proyek RS. Harapan Bunda Aceh

BALI

Proyek RSUD Klungkung
Proyek RSUD Gianyar
Proyek RSUD Wangaya
Proyek RS Balimed Buleleng
Proyek RSPTN Universitas Udayana
Proyek Badung Blok E
Proyek RS Mata Balimandara - Denpasar
Proyek RS Mata Balimandara - Sanur
Proyek RSUD Mangusada - Badung
Proyek RSUD Negara - Jembrana
Proyek RSUP Sanglah
Proyek RS Kasih Ibu - Denpasar
Proyek RS Kasih Ibu Saba
Proyek RS Kasih Ibu - Tabanan

KALIMANTAN

Proyek RS Banjar Baru
Proyek RSUD Tenggara
Proyek Pontianak Hospital
Proyek RSUD Balikpapan
Proyek Benawa Raya
Proyek Ciputra Mitra Hospital - Banjarmasin
Proyek RSUD Dr. Agoesdjam Ketapang
Proyek RS Pertamina Tarakan

SULAWESI

Proyek RS Gorontalo
Proyek RS Madani - Palu
Proyek RSUD Undata - Palu
Proyek RS Siloam - Manado
Proyek RS Manado
Proyek RSUD - Konawe
Proyek RSUP Tadjudin Chalik - Makassar
Proyek RS Bhayangkara - Makassar

NUSA TENGGARA BARAT

Proyek RSUD Mataram
Proyek RS Islam - Lombok Timur
Proyek IGD RSUD Mataram
Proyek RSUD NTB
Proyek RS Ibu Dan Anak Lombok Timur

NUSA TENGGARA TIMUR

Proyek RSUD Mangarai Timur - Flores
Proyek RSUD Ben Mboi
Proyek RSUD - Kupang

MALUKU

Proyek RS UPT Vertikal - Ambon

PAPUA

Proyek Provita - Jayapura

AND MANY MORE...

PROJECT REFERENCES

“

We Provide All System,
We Offer complex solution of all ranges
of the Hospital OT Equipment,
Trust our all Project.

”

HEAD OFFICE

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SLS/MDCL/10/21