SENAMED
Teknik ve Tıbbi Sistemler San. ve Tic. A.Ş.



# MEDIFIX

## Rigid Pendant Systems

A fixed pendant system designed for intensive care units, anesthesia, emergency departments, neonatal care, and diagnostic applications. Gas and electrical outlets can be configured to meet specific clinical requirements.

Its ceiling-suspended design provides flexible installation in areas where wall mounting is not possible, such as spaces with windows or structural elements.

Available with HEXMOD and KALE console options, the system adapts to different application areas with a wide range of accessories.



## MEDIFIX Rigid Pendant Systems

The rigid structure ensures efficient use of the working area while providing an organized and ergonomic workspace.
With different console and accessory options, system adapts to various clinical applications.

**Space Efficiency**
Optimizes Room Layout

**HEXMOD & KALE Consoles**
Tailored to Different Clinical Needs

**Accessory Compatibility**
Extensive Equipment Options

**Custom Dimensions**
Project-Specific Design




### 1 · Leveling Plate

Ensures accurate leveling and stable positioning during ceiling installation, providing a solid base.

### 2 · Column

Routes gas, electrical, and communication lines.

### 3 · Rotation Joints

Provides 330° console rotation.

### 4 · Console

Electrical and medical gas outlets are on the console. HexMod and Kale models available.

### 5 · Multipurpose Rail Channel

Compatible with various clinical accessories such as shelves, drawers, IV poles, and monitor shelves. The system can be easily configured to suit different project requirements.

# Compatible Accessories

Thanks to the multipurpose rail channels integrated into the console, a wide range of accessories can be easily mounted onto the pendant. These channels allow shelves, drawers, monitor holders, IV poles, and various clinical equipment to be positioned according to workflow needs.

### Drawer Units



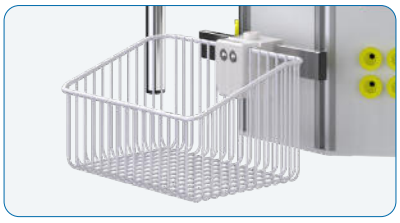
### Shelf Units



### Monitor Stands



### Baskets



### IV Pole





## General Features

| | |
|---|---|
| Power Supply | 220V - 50Hz |
| Working Temperature | 10 °C / 45°C |

## Mechanical Specifications

| | |
|---|---|
| Weight | 40 - 50 kg |
| Console Design | KALE Console, HEXMOD Console |
| Number of Accessory Rails | KALE Console – Max. 4 Rails<br>HEXMOD Console – Max. 6 Rails |
| Mounting Type | Ceiling Mount |
| Recommended Mounting Height | Approx. 900 mm (from Finished Floor Level) |
| Load Capacity | 120 – 180 kg |

* *Maximum load capacity decreases as arm length increases.*

## Medical Gas Outlets

| | |
|---|---|
| Medical Gases | Oxygen (O2) – Nitrogen Peroxide (N2O) – Medical Air 4Bar (MA4)<br>Surgical Air 7Bar (SA7) – Vacuum (VAC) – Carbondioxide (CO2)<br>Nitrogen (N2) – Anesthetic Gas Scavenging (AGSS) |
| Gas Outlet Standards | BS - DIN - NF |
| Gas Purge Options | Venturi / With Pump |

## Medical Gas Provisions (Default)

| Console Type | O2 | N2O | MA4 | SA7 | VAC | AGSS | CO2 |
|---|---|---|---|---|---|---|---|
| **Anesthesia** | **2** | **1** | **2** | **-** | **2** | **1** | **-** |
| **Surgical** | **2** | **-** | **2** | **1** | **2** | **-** | **1** |
| **General** | **2** | **1** | **2** | **1** | **2** | **1** | **-** |
| **Intensive Care** | **2** | **-** | **2** | **-** | **2** | **-** | **-** |

## Electrical Equipment

| | |
|---|---|
| Electrical Outlets | Grounded Electrical Outlet (Schuko), Uninterruptible Power Supply (UPS) Outlet, AGSS Switch, Grounding Node, Data Outlet, Manometer, Vacuummeter |

## Electrical Outlet (Default)

| Console Type | Electrical Outlet | UPS Outlet | Data Outlet (RJ45) | Grounding Node | Pressure Gauge |
|---|---|---|---|---|---|
| **Anesthesia** | **4** | **4** | **2** | **8** | **1 Unit / Gas Type** |
| **Surgical** | **4** | **4** | **2** | **8** | **1 Unit / Gas Type** |
| **General** | **4** | **4** | **2** | **8** | **1 Unit / Gas Type** |
| **Intensive Care** | **4** | **4** | **2** | **8** | **1 Unit / Gas Type** |

## Standards

| | |
|---|---|
| Quality Standards | EN ISO 9001:2015 – EN ISO 13485:2016 |
| Management Standards | 93/42 EEC – 2007/42/EC – EN ISO 14971 – EN ISO 15223 – EN 1041+A1 |
| Electrical Standards & Testing | EN 60601-1:2009 – EN 60601-1-2:2011 – IEC 62366-1:2015 |
| Medical Gas Standards | EN ISO 7396-1:2016 – EN ISO 7396-2:2013<br>EN ISO 9170-1:2020 – EN ISO 11197:2020 – HTM-01-02 |

Gas, electrical and accessory modules are fully customizable. Specifications may change without notice. Images are for illustration and may vary by model. Electrical outlets and gas points are shown as standard and can be modified.

## SYSTEM COMPONENTS

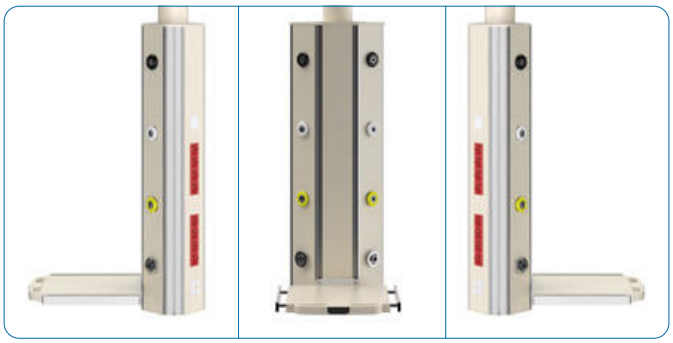
### Console Options

| | |
|---|---|
| Console Models | Kale Model, HexMod Model |
| Rotation Angle | 330° |
| Standard Lengths (B) | 650 mm – 850 mm – 1000 mm |
| Console Types | Anesthesia – Surgical – General Care – Intensive Care |

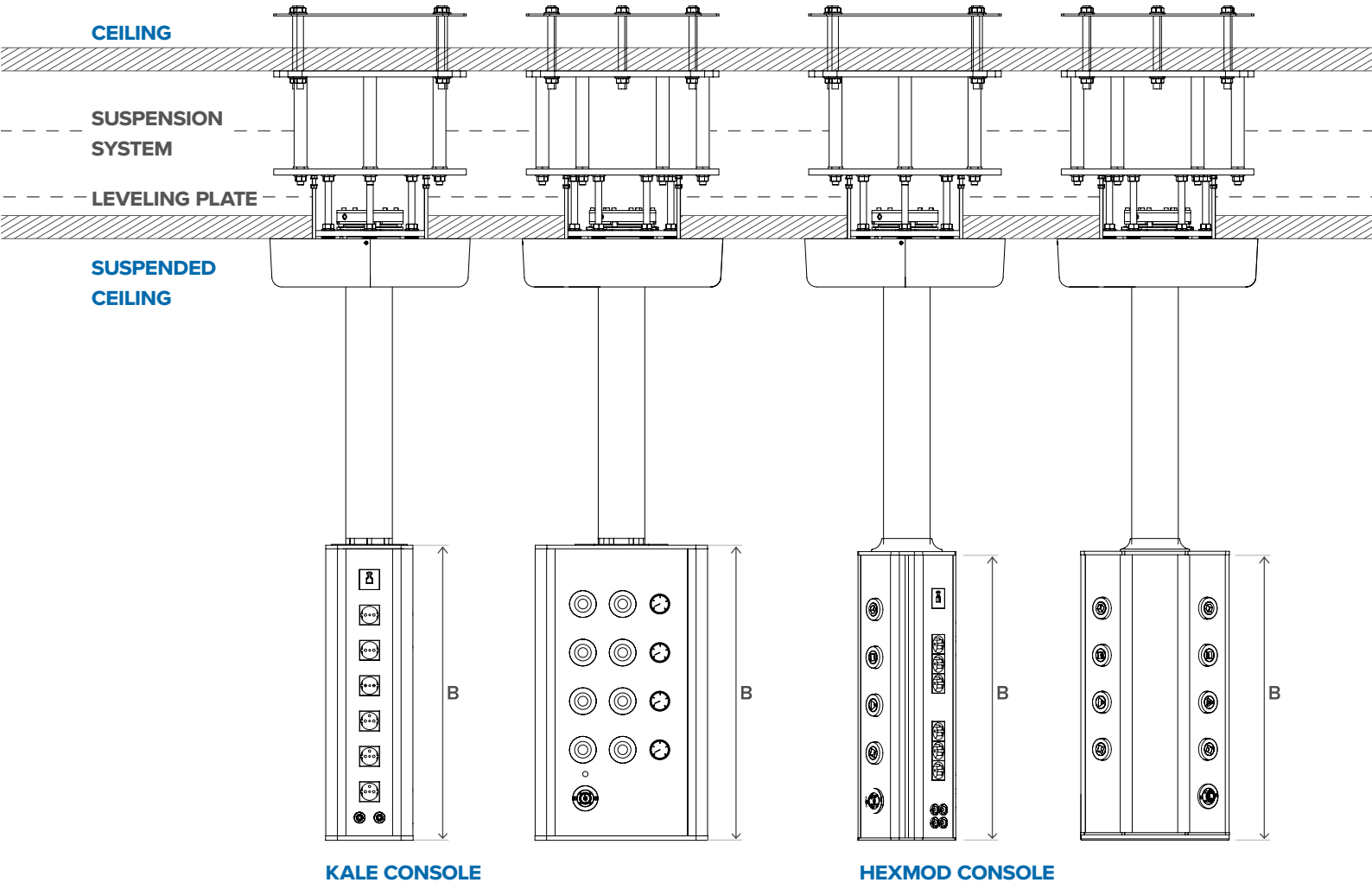
### Kale Model



### Hexmod Model



* *Custom dimensions are available upon request. Gas and electrical outlets can be customized according to application requirements.*




KALE CONSOLE

HEXMOD CONSOLE

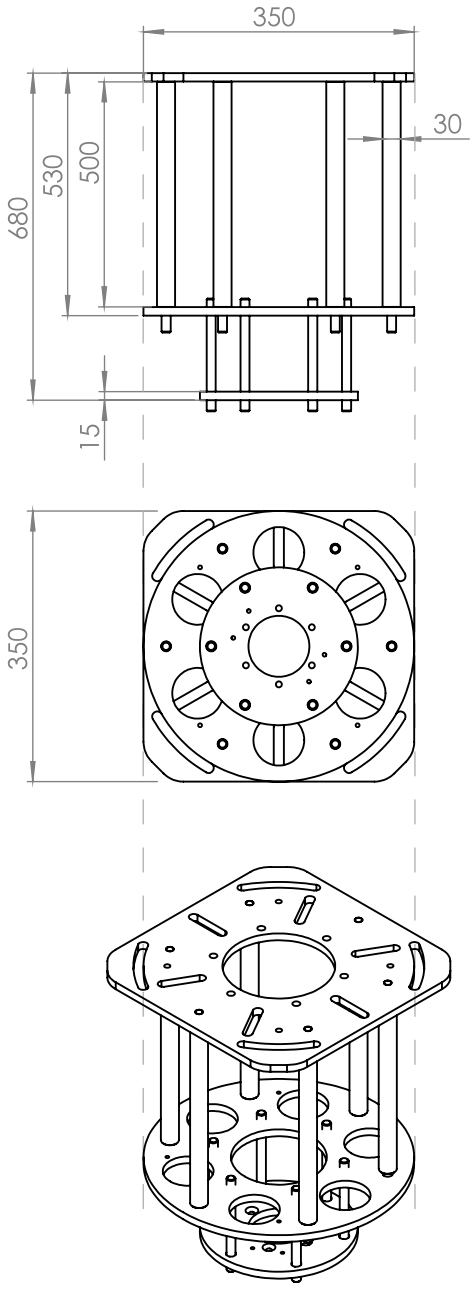
Technical specifications may change without prior notice. The images are provided as examples and may vary depending on the model.

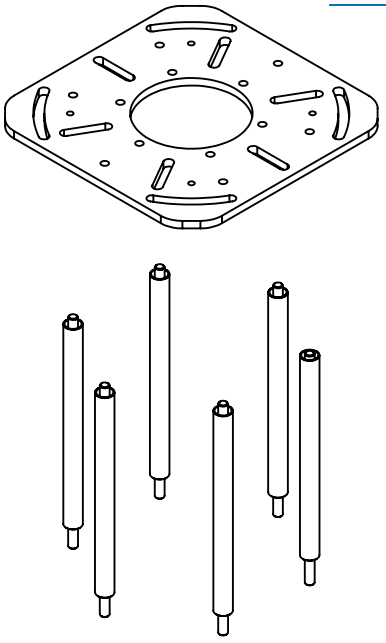
# Ceiling Mounting System

The ceiling mounting system provides a secure connection between the pendant and the structural ceiling. Its adjustable design adapts to different ceiling heights and project requirement.

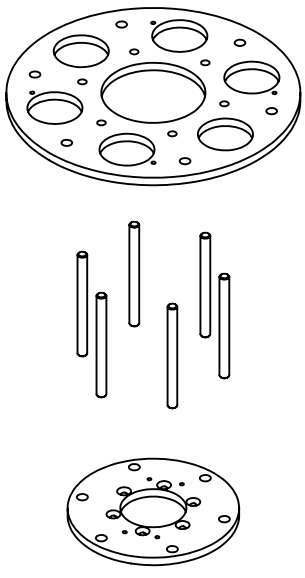
## Technical Specifications

| | |
|---|---|
| System Configuration | Ceiling Plate Set + Leveling Plate Set |
| Ceiling Plate | 350 × 350 mm |
| Leveling Plate | Ø350 mm |
| Mounting Flange | Ø280 mm |
| Fastener | M16 Threaded Rod |
| Galvanized Steel Pipe | Ø32 × 2 mm |
| Standard Threaded Rod Length | 400–960 mm *(adjustable)* |



CEILING PLATE SET



LEVELING PLATE SET

* *The total mounting height is determined according to project requirements.*
** *Additional structural steel support is required for total mounting heights exceeding 1200 mm.*
*** *The ceiling mounting system is supplied separately from the pendant system and quoted according to project requirements.*



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