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



ENDOPEN Non-Motorized

Double Arm Endoscopy Pendant Systems

ENDOPEN Double Arm Non-Motorized is a dual-arm pendant system designed for endoscopic procedures and modern operating rooms. Two independent non-motorized arms allow medical devices to be positioned across a wide horizontal working area.

The modular, shelf-equipped console features separate surfaces for medical gas and electrical connections, while shelves and drawers can be configured according to specific needs. This layout keeps essential equipment organized and within easy reach during procedures.



ENDOPEN Double Arm Non-Motorized Pendant Systems

Designed for endoscopic procedures, the double arm pendant system combines two independent non-motorized arms to **provide a wider working radius and extended reach.**
The rotating console features integrated shelves and drawers for organized equipment placement.

Wide Horizontal Reach
Extended Reach with Dual Arm

Endoscopy-Focused Console
Configurable Shelves & Drawers

Accessory Compatibility
Extensive Equipment Options

Mechanical & Pneumatic Brakes
Push-Button Locking

Custom Dimensions
Project-Specific Design



1 · Leveling Plate

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

2 · Rotation Joints

The arms and console rotate independently at 330°, providing multi-directional movement.

3 · Pendant Arms (Non-Motorized)

The dual-arm design allows wider working area.

4 · Column

Routes gas, electrical, and communication lines.

5 · Endoscopy Console

Gas and electrical connections are positioned on separate sides, with shelves and drawers between.

6 · Multipurpose Rail Channel

Allows the installation of clinical accessories for flexible system configuration.

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



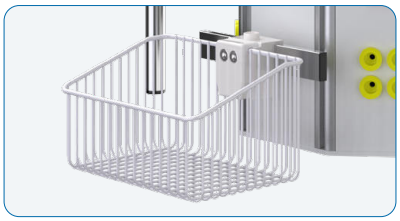
Shelf Units



Monitor Stands



Baskets



IV Pole





General Features

Power Supply	AC110-230V - 50/60Hz
Working Temperature	10 °C / 45°C

Mechanical Specifications

Brake System	Pneumatic Brake, Mechanical Brake
Console Design	ENDOSCOPIC Console (with Shelves & Drawers)
Number of Accessory Rails	Max. 4 Rails (2 Right Side + 2 Left Side)
Mounting Type	Ceiling Mount
Recommended Mounting Height	Approx. 400 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) Surgical Air 7Bar (SA7) – Vacuum (VAC) – Carbondioxide (CO2) 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
Endoscopic	**2**	**-**	**1**	**1**	**1**	**-**	**1**

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
Endoscopic	**-**	**8**	**4**	**4**	**1 Unit / Gas Type**

Standards

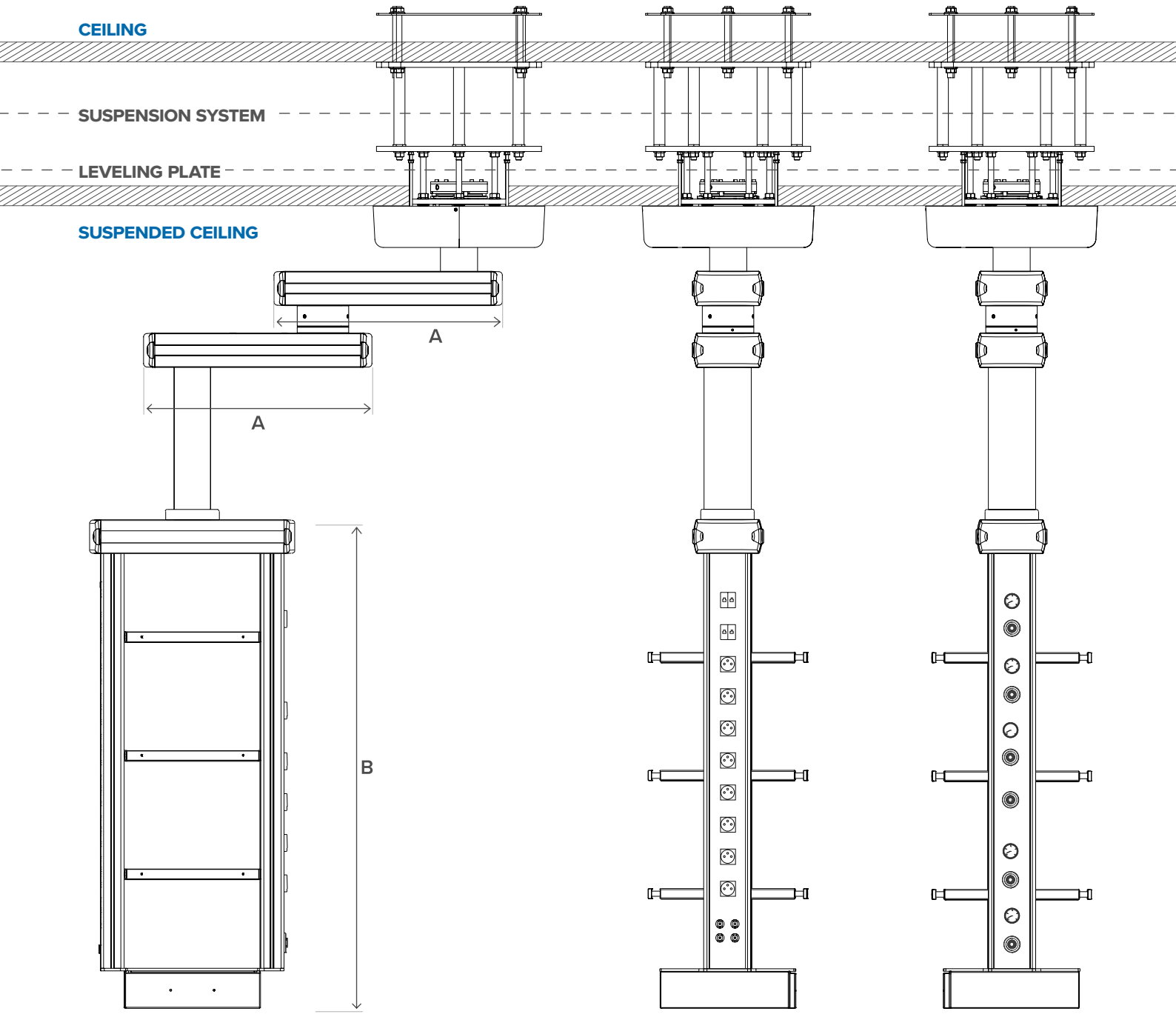
Quality Standards	EN ISO 9001:2015 – EN ISO 13485:2016
Management Standards	93/42 EEC – 2007/42/EC – EN ISO 14971 – EN ISO 15223 – EN 1041+A1
Electrical Standards & Testing	EN 60601-1:2009 – EN 60601-1-2:2011 – IEC 62366-1:2015
Medical Gas Standards	EN ISO 7396-1:2016 – EN ISO 7396-2:2013 EN ISO 9170-1:2020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

Pendant Configuration

Pendant Arm Type	Non-Motorized
Number of Pendant Arms	2 Arms
Horizontal Rotation	330°
Standard Arm Lengths (A)	600 / 800 / 1000 mm
Console Lengths (B)	Adjustable

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.

TECHNICAL DRAWINGS



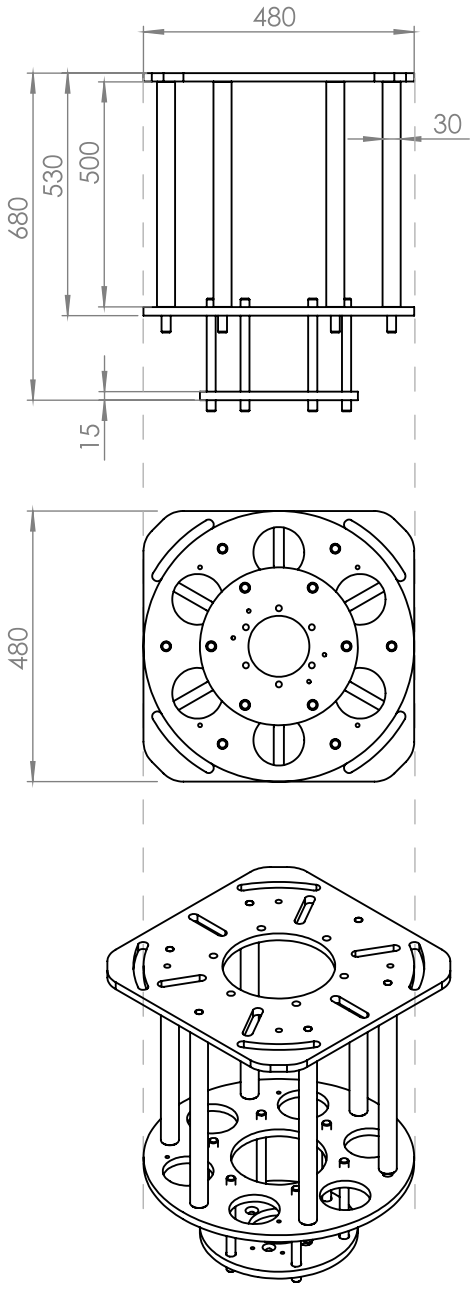
Technical specifications may change without prior notice. The images are provided as examples and may vary depending on the model.

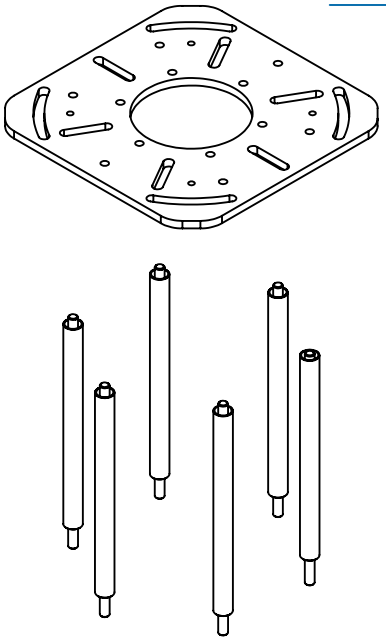
Ceiling Mounting System

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.

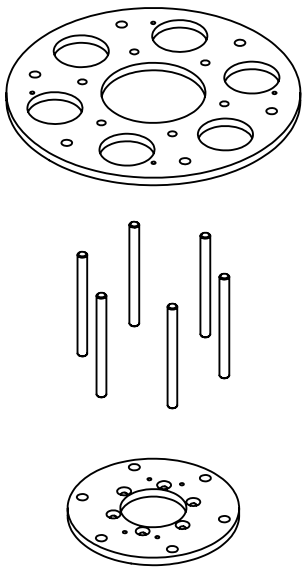
Technical Specifications

System Configuration	Ceiling Plate Set + Leveling Plate Set
Ceiling Plate	480 × 480 mm
Leveling Plate	Ø480 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.*



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

CONTACT

+90 533 771 92 03
www.senamed.com.tr
sales@senamed.com.tr
linkedin.com/company/senamedtr/
Köşklü Çeşme Mh. Yeni Bağdat Cd. No:126 Gebze / Kocaeli / TÜRKİYE