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



ECE
Intensive Care Unit

ECE is a function-oriented solution designed for intensive care units and critical care environments. It is available in single, double, or triple-channel configurations. It can be wall mounted or suspended from the ceiling according to project requirements, allowing it to adapt to a wide range of architectural installations.

The accessory rail enables the use of various equipment. Its versatile design ensures that intensive care and emergency units are outfitted efficiently, functionally and flexibly.



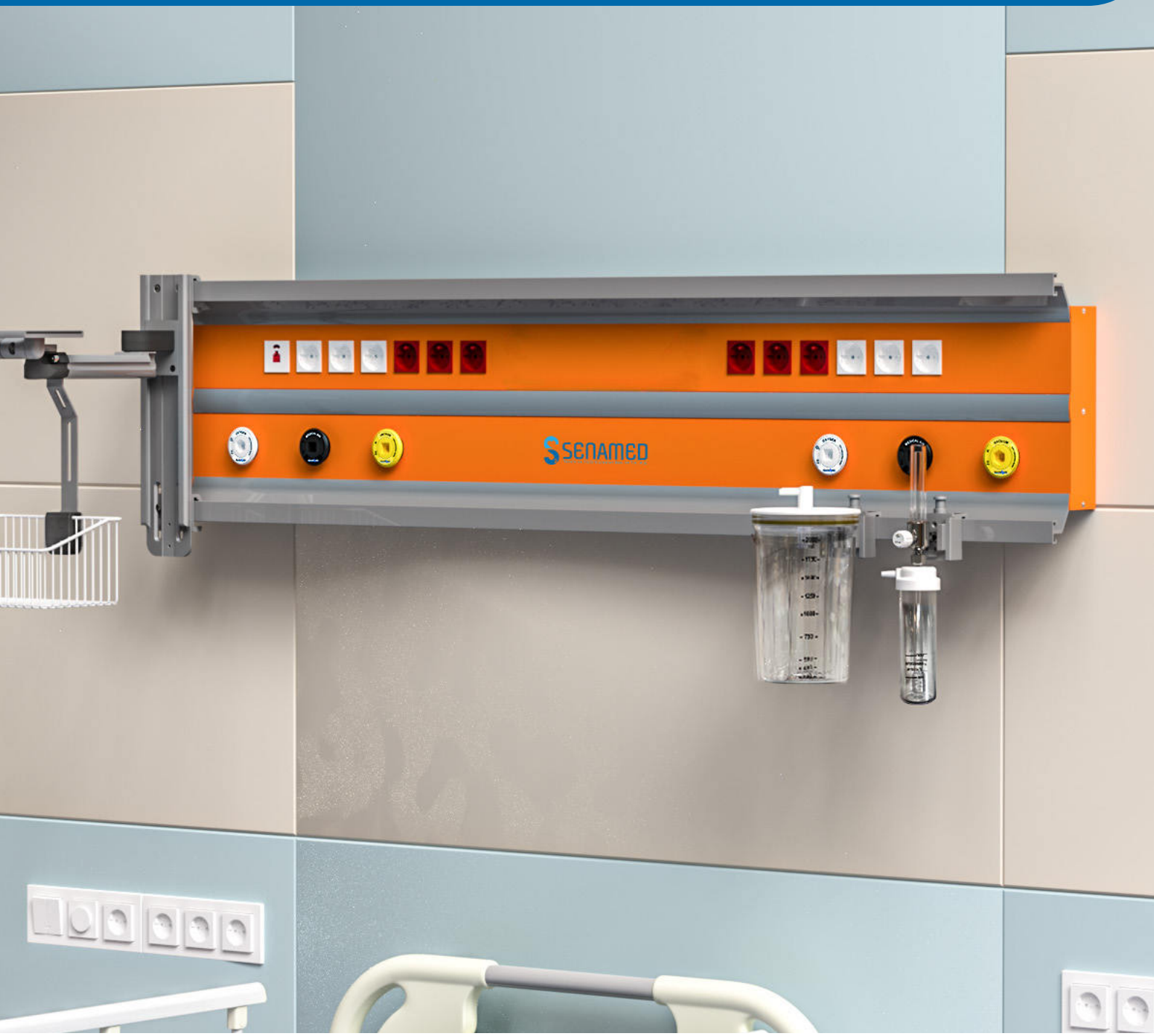
- Single, Double or Triple compartment options
- Compatible with medical products and accessories
- Adaptable to various areas with modular structure
- Horizontal or Vertical orientation options
- Designed according to hygiene standards
- Customizable color and finish options
- Customizable flexible sizing options

Recommended Applications

- Isolation Rooms and Clinical Rooms
- Operating Room Preparation Areas
- Post-Operative Intensive Care Rooms
- Delivery Rooms and Neonatal Units
- Coronary Care Units (CCU)
- High Dependency Units (HDU)
- Pediatric Intensive Care Units (PICU)
- Emergency Service Observation Rooms
- Geriatrics and Rehabilitation Centers
- Oncology and Chemotherapy Units
- Physical Therapy and Rehabilitation Units

Compatible Accessories

Provides a practical and effective solution for intensive care, patient care and critical areas, offering broad accessory compatibility and a flexible design. This allows the unit to adapt easily to various clinical usage.



Accessory Rail

Rails can be applied in different lengths. It can be positioned at the bottom, top or both direction. It can also be mounted on the wall.

Medical Gas Accessories

Medical gas accessories such as flowmeters and vacuum regulators connect directly to gas outlets, making them ready for use.

Installation Flexibility

All accessories can be rail-mounted, used with wheeled systems, or fixed to the wall. They adapt to different installation requirements.

Device Accessories

Equipment such as monitor stands, device stands, and IV poles can be mounted to the accessory rail and adjusted horizontally to the desired position.

Ceiling Mounting Option

ECE can be suspended from ceiling-mounted support columns where wall mounting is not possible or preferred. It can be adapted to different needs while maintaining available accessory and equipment options.



MODEL ICU.ECE.A0001.01

General Features

Protection Class	I
IP Rating	IP 20
Mains Voltage	100 / 240V
Mains Frequency	50 / 60 Hz
Operating Temperature	5 °C / 40°C
Storage Temperature	-5°C / 40°C
Relative Humidity	30 - 85 %

Mechanical Features

Mounting Type	Wall Mounting / Ceiling Mounting (Optional)
Accessory Rail	Top, Bottom, or Top + Bottom *(Length adjusted according to unit size)*
Configuration	1 – 2 – 3 Bed
Number of Channels	1 – 2 – 3 Compartment
Load Capacity	Max. 25 kg
Material	Aluminum Extrusion Profile
Color Options	Customizable according to the RAL color chart and project requirements
Recommended Mounting Height	1500–1600 *(from the center of gas outlets)*

Medical Gas Outlets

Medical Gases	Oxygen (O_2) – Nitrous Oxide (N_2O) Medical Air 4Bar (MA4) – Surgical Air 7Bar (SA7) Vacuum (VAC) – Carbon Dioxide (CO_2) Nitrogen (N_2) – Anaesthetic Gas Scavenging System (AGSS)
Gas Outlet Standards	BS - DIN - NF
Gas Purge Options	Venturi / With Pump

Electrical Outlets

Electrical Outlets	Mains Outlet, Uninterruptible Power Supply (UPS) Outlet Grounding Node, Data Outlet (RJ45)
Outlet Standards	Outlet options compliant with different country and regional standards
Number of Outlets	Determined by the application area, project requirements, and specifications.

Standards

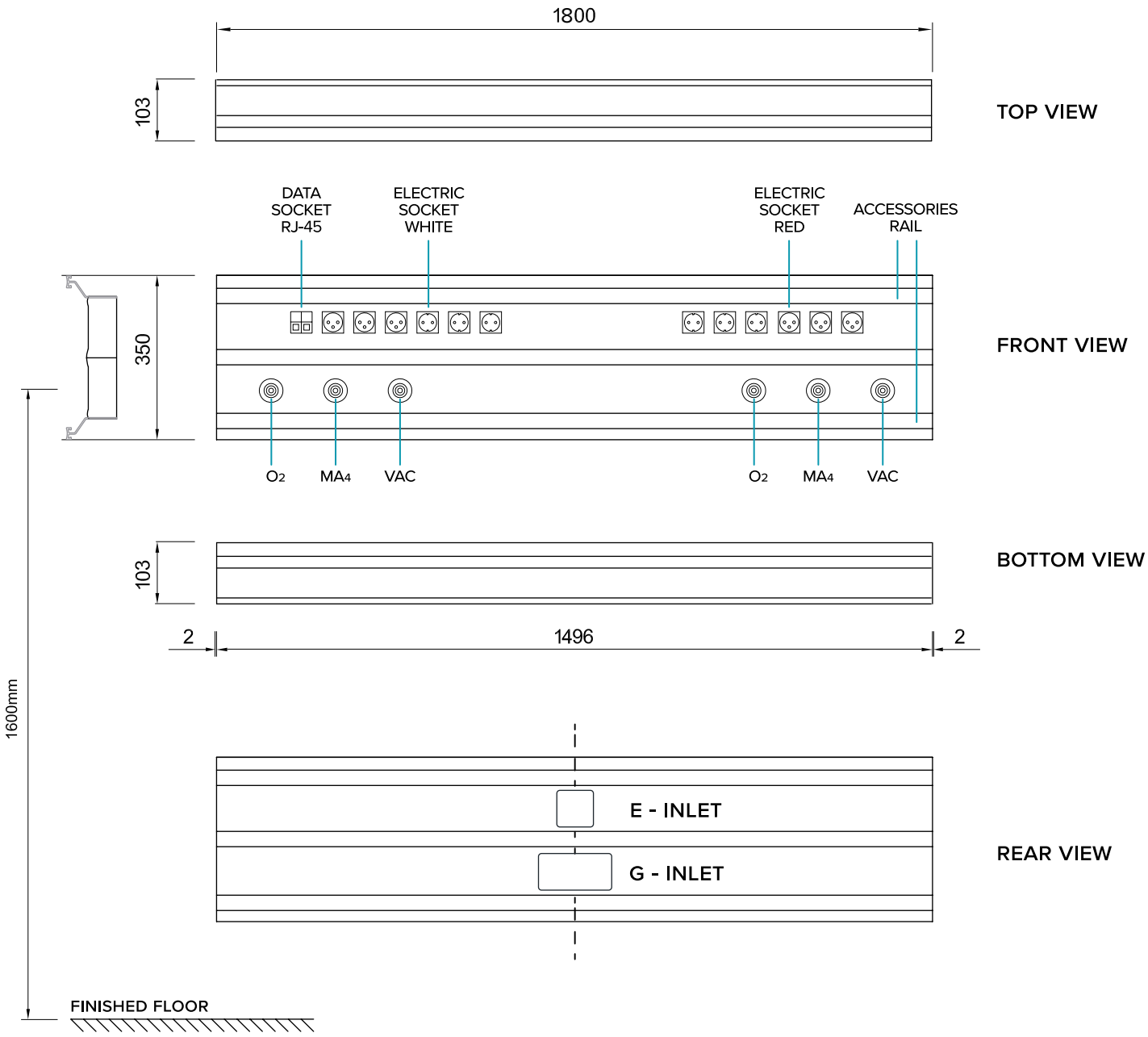
Quality Standards	EN ISO 13485 – EN ISO 9001
Management Standards	93/42 EEC – 2007/42/EC – EN ISO 14971 EN ISO 15223 – EN 1041+A1
Electrical Standards	EN 60601-1 – EN 60601-1-2 – IEC 62366
Electrical Tests	EMC - LVD
Medical Gas Standards	EN ISO 7396-1:2016 – EN ISO 7396-2:2013 EN ISO 9170-1:2020 – EN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

DIMENSIONS (mm)

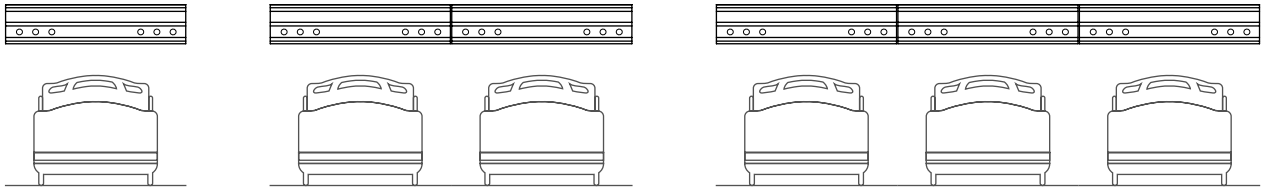
Configuration	Length	Depth	Front Height (with Rail)	Rear Height (with Rail)
1 Compartment	1800	103	220	135
2 Compartments	1800	103	350	265
3 Compartments	1800	103	480	395

* Dimensions are provided as standard and can be customized according to the project.
Technical specifications are subject to change without prior notice. Images are for illustrative purposes only and may vary by model.

TECHNICAL DRAWINGS



CONFIGURATIONS



1 Bed
500-2200 mm
ICU.ECE.A0001.01

2 Beds
2200-4400 mm
ICU.ECE.A0002.01

3 Beds
4400-6000 mm
ICU.ECE.A0003.01

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