



OMNI HOLDER®  
QUATTRO

Efficiency, safety,  
and performance  
become **ONE.**





ANGEL MEDICAL  
DEVICES



## About Us

Angel Medical Devices offers solutions that enable healthcare professionals to deliver exceptional care during complex medical cases.

Committed to innovation in the perioperative field, we develop ergonomic solutions that improve workflow processes, and safety for patients and providers.

Our mission is to deliver medical devices and accessories that simplify the overburdened medical procedure suites such as the operating rooms, hybrid rooms, and intensive care units.

\*Early 3D Prototype Version



## Efficiency, safety, and performance **become ONE.**

The OmniHolder-Quattro is the solution to eliminate clutter, material waste, decrease potential medical errors and infection transmission during patient care during surgery and ICU management.

A single platform to hold and secure safety-sensitive medical accessories improves set-up time by being readily available and preassembled, eliminating the need to gather multiple pieces when time is of the essence.

The OmniHolder-Quattro allows the invasive pressure transducers always to be calibrated at heart level, secures the breathing circuit, prevents manifolds central lines entanglement and pulling, and TEE probe dislodgements from the patient when the operating table moves.



## All in one solution

A single platform to hold and secure essential medical accessories, eliminating clutter, entanglements and the need to gather multiple pieces when time is of the essence. It provides a framework to keep all bags and lines organized in a central platform that can be placed on either side of the surgical or ICU bed.



## Lightweighting

Lightweighting<sup>1</sup> in the true sense. By eliminating multiple support gadgets from the setup, it simplifies the use into one accessory that offers more. It does more with less.

<sup>1</sup>Lightweighting: An engineering concept from the space, aviation, and auto industry to build better structures with less to achieve superior performance, handling, and safety.



## Improve workflow & throughput

Designed to improve practitioner efficiencies, effectiveness, and overall safety when using multiple monitoring devices during surgery and ICU management.

By reducing set-up time, keeping all key elements in a central platform, including manifolds with all infusion lines organized, improves the process of starting and wrapping up cases and patient transports.



## Cost Containment

It is a 3-in-1 product that replaces the Christmas tree holder, metal clamps and forks, and the pressure transducers holder saving costs to the healthcare institution.

<sup>2</sup>Ergonomics: Is the science that studies the relationship of humans with their working environment, to improve the efficiencies and safety to have higher productivity.



## Modularity

The **OmniHolder-Quattro** is modular in design providing various add-on options as the medical needs require.

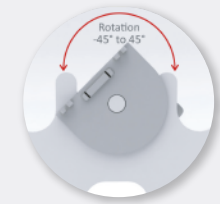
The device includes a height adjustable mechanism so it can always be at the "patient's heart level".



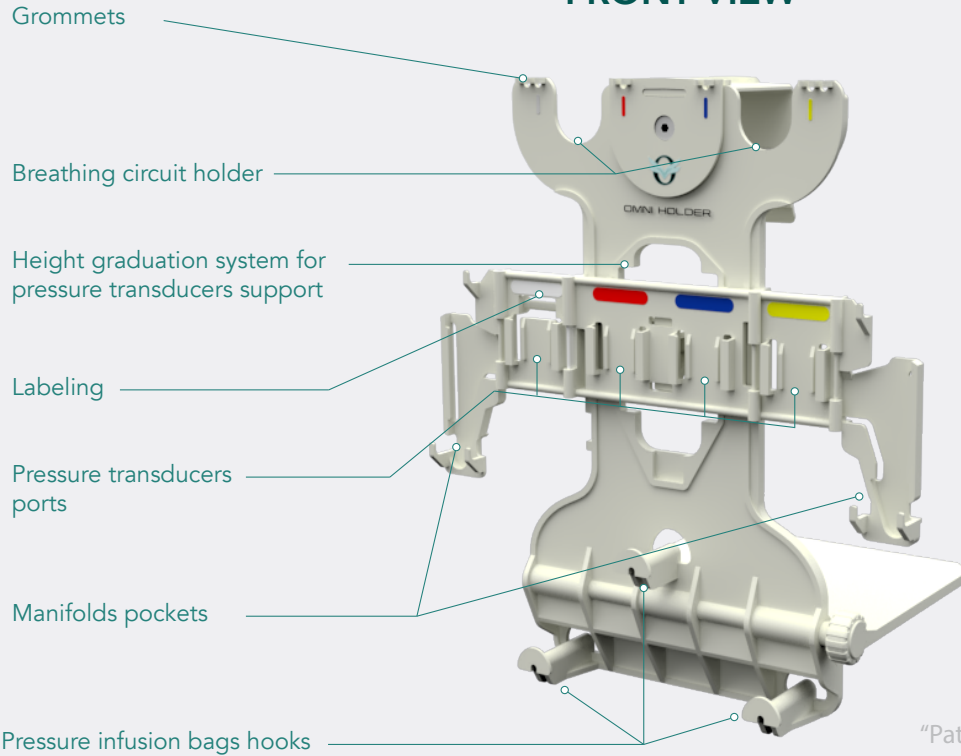
## Adaptability

With a versatile design, the **OmniHolder Quattro** adapts to the operating room, the hybrid procedure room and the ICU throughout the continuum of care.

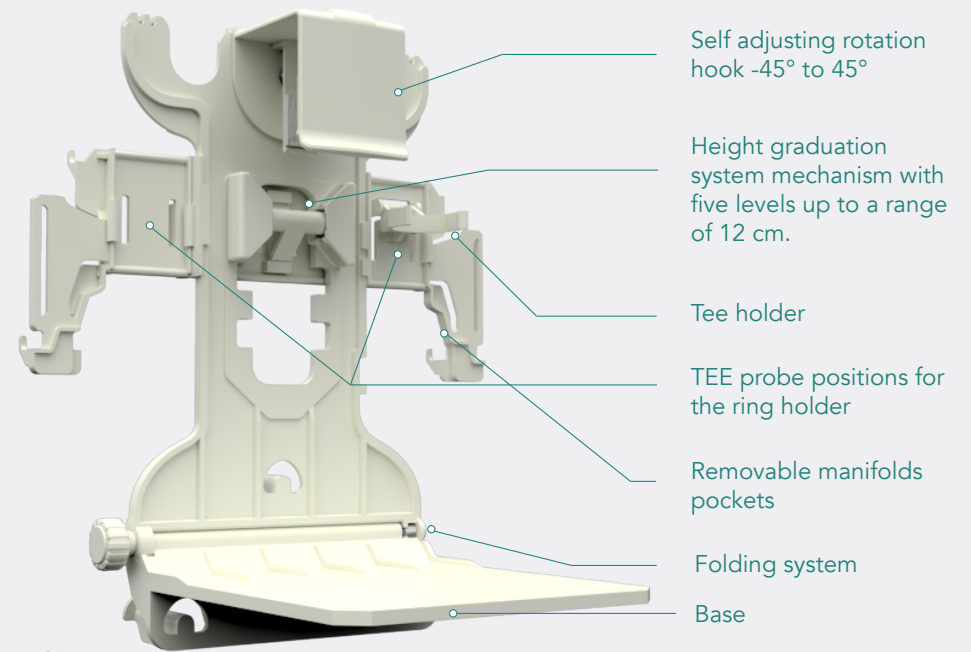
A product that serves as a single integrated accessory to support and secure the multiple medical equipments used by the anesthesia and ICU staff.



**FRONT VIEW**

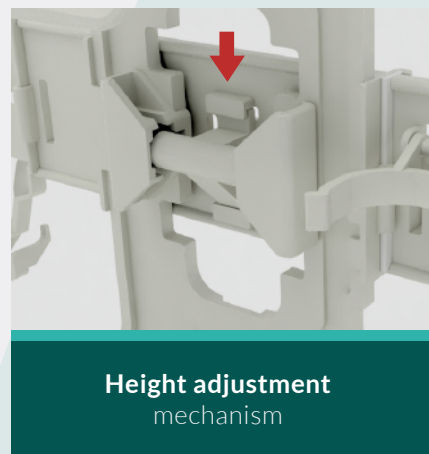


**BACK VIEW**

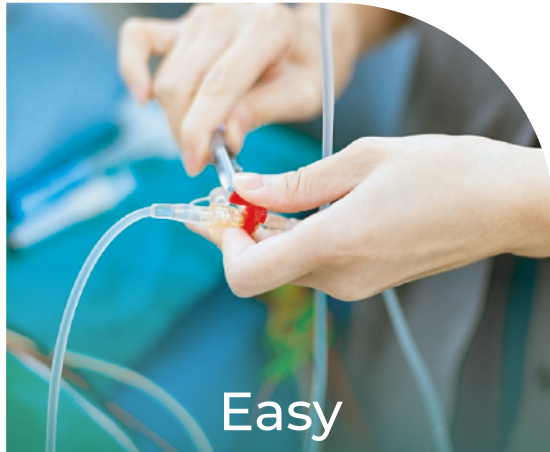


"Pat. Pend."

The OmniHolder-Quattro is versatile and modular so it can be set to different needs.



## What does it mean to clinicians?



Easy

It reduces the set-up time of the multiple accessories. Easy to fold for storage, use and transport.



Safe

Safe to use by all medical personnel, it potentially decreases the chances of medical errors by keeping the pressure transducers always calibrated at the heart level, including in the ICU, with the dynamic self-adjusting mechanism.



Effective

Order and simplicity make operability safe and efficient.

## Who can benefit from The OmniHolder Quattro?



**Patients**

Reduces medical errors.



**Anesthesiologists and intensivists**

Superusers on a daily bases performing complex tasks.



**Nurses**

Easy to operate, organize, and keep clean.



**Hospitals**

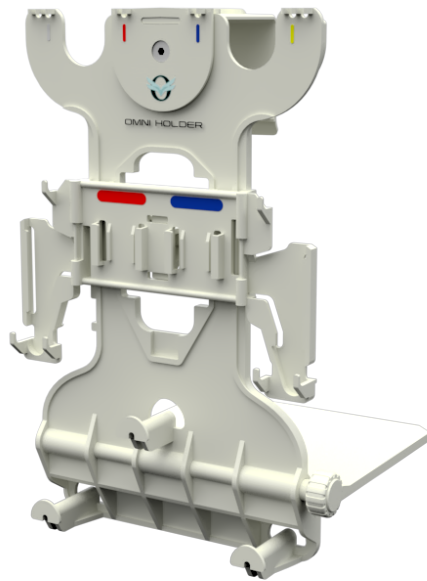
Significant cost decrease.

## Technical Specifications

<b>Height:</b>	322 mm (12.6 inches)
<b>Width:</b>	213 mm (8.3 inches)
<b>Folded:</b>	115 mm (4.5 inches)
<b>Base Length:</b>	185 mm (7.2 inches)
<b>Weight Capacity</b>	8.72 kg (19.23 pounds)
<b>Material:</b>	Medical Graded Injected Plastic ABS-like.



## Alternate Versions of The OmniHolder



**The OmniHolder DUO.** Designed meticulously for surgeries that require one or two invasive pressure lines. With two precision – engineered docks, the OmniHolder-DUO effortlessly balances flexibility with function.



**The OmniHolder-Mini.** Designed specifically for the Intensive Care Units when invasive pressure monitoring is indicated in the management of the critical care patient. Either if you just need an arterial line or need to add central venous access, this is the right accessory for you.

## Instructions for use:

### When in use in the OR, follow these steps:

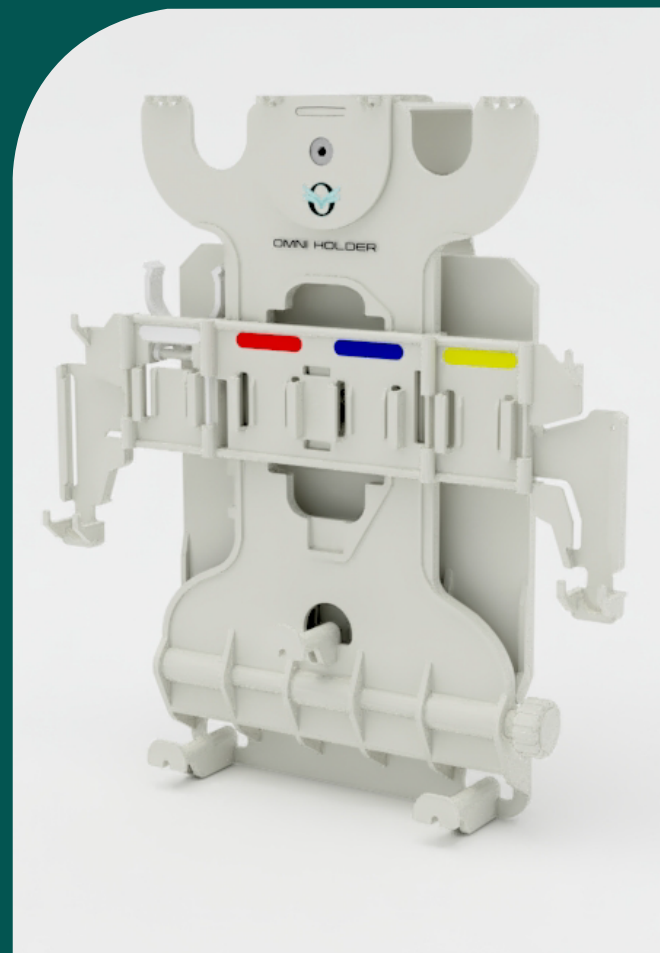
1. Unfold the base and insert it under the mattress.
2. Coil pressure line from bags in one large loop and hangover hooks, followed by hanging the pressure bags.
3. Dock pressure transducers on the corresponding brackets and lines on grommets.
4. Position The OmniHolder-Quattro to any corner of the surgical bed to manipulate the airway.
4. Slide manifolds into the pockets on the preferred side and connect to central lines.
5. Add TEE ring holder as needed.

### When in use for TRANSPORT depending on hallways width, follow these steps:

1. Hang the pressure bags from the bed IV Pole to prevent floor contact or entanglement with other adjacent equipment.
2. Move The OmniHolder-Quattro to the corner of the surgical bed before transferring the patient to the new bed.
2. Slide manifolds out of pockets temporarily if necessary.
3. Fold the base to the vertical position.
4. Hang The OmniHolder-Quattro from the bedside rail or lay flat on either side of the head.

### When in use in the ICU, follow these steps:

1. Secure The OmniHolder-Quattro self-adjusting hook on the ICU bedside rail at the upper chest level.
2. Slide in manifolds on lateral pockets.
3. Keep the pressure bags hanging from the bed IV Pole to prevent floor contact.



\*Early 3D Prototype Version



## Warnings:

The modular pieces of The OmniHolder-Quattro were designed and tested for use in the OR and ICU. Take out included stability of each component, strength, and performance. Do not use the platform or any accessories if damaged or defective.

The OmniHolder-Quattro is made from medically graded injected plastic. Do not sterilize in the autoclave or use any caustic substance to clean the product.




It can be sprayed and wiped with any bactericidal, tuberculocidal and virucidal containing chlorides and alcohol.

## Indications for use:

The OmniHolder-Quattro was designed by practicing physicians with the “lightweighting” concept and safety from the aviation and space industry. It is indicated for all complex procedures that require invasive pressure monitoring, multiple drip lines, manifolds and other medical equipment.

It is ideal for cardiothoracic cases, structural hearts, transplants, complex oncology abdominal surgeries, neurosurgeries or any other surgical case that demands system organization in the operating room, transport and ICU management.

# Competitive Landscape

	 <b>ANGEL MEDICAL DEVICES</b>	 <b>Edwards</b>	<b>Kingsystems</b>	Generic Brand or Siemens GE / Phillips
<b>Value Metric Criteria</b>	 <b>OMNI HOLDER® QUATTRO</b>	<b>TruClip Holder</b>	Breathing Circuit Holder ®	<b>TEE probe holder</b>
All-in-one Holder	✓	✗	✗	✗
Transducer plate with more than 5 brackets	✓	✓	✗	✗
Adjustable height transducer plate	✓	✓	✗	✗
Eliminate human errors - Always calibrated at heart level in OR & ICU	✓	✗	✗	✗
It needs multiple components for assembly	✓	Existent version of C-Clamp	✗	✗
Lines grommets and pressure bags hangers' organizers	✓	✗	✗	✗
Bilateral universal manifolds pockets	✓	✗	✗	✗
Breathing circuit holder	✓	✗	✓	✗
Self-adjustable rotational hanging hook for bedrails of stretchers + ICU beds	✓	✗	✗	✗
TEE probe safety ring cup hanger	✓	✗	✗	✗
Less inventory and SKU numbers	✓	✗	✗	✗
Bigger direct and indirect TOTAL cost savings	✓	✗	✗	✗
Approximate price list	TBD	Edwards \$ 200 McKesson \$ 353	\$ 25 –50	\$ 150



# Ordering info and support.

WE WILL HELP YOU

✉ [contact@angelmedicaldevices.com](mailto:contact@angelmedicaldevices.com)

🌐 <https://angelmedicaldevices.com>





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