

Slim, Cost Effective Large Screen & Multi Panel Solution

VALiA X & CEMOR



At a glance:

- + Ideal for space constrained Operating and Diagnostic Rooms
- + Entry level solution for CardioVascular Suites & Hybrid OR
- + Internal space for power supply unit and accessories
- + Handles options: front / back

Innovative arm design

VALiA X - with its payload of up to 110 kg - can carry up to **60" light Large Screens**, which makes it a great, slim and cost effective **solution for Interventional X-ray, Cardiovascular Suites and Hybrid ORs**. It has the capacity to carry up to eight 19" - 32" monitors, permitting the staff to **view various image sources simultaneously**.

Space saving

VALiA X is ideal for rooms that are space constrained. The slender arm design allows - with 2.2 m max. reach - a wide **range of motion**, which results in more room for the medical staff or additional medical equipment.

Quick and smooth operating

The spring arm perfectly balances the weight of the monitors which helps ensure the monitor stays at the **desired height**. The friction brake design prevents drifting, but still allows the system to be **moved quickly and smoothly** without much effort. This combination enables **fantastic horizontal and vertical reach**.

Possible models:

- + 60" large Screen entry model
- + 8 x 19"- 32" solution
- + 6 x 19"- 32" solution

Intelligent cable routing

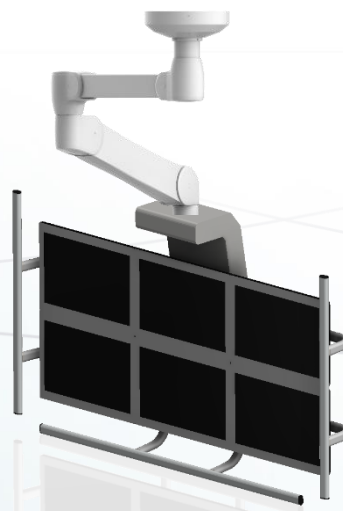
VALiA X & CEMOR are designed in a way that all applicable cables (Power, DVI, HDMI, BNC, ...) **can be routed through the system**, even with plugs. The intelligent cable routing ensures maximum cable protection which simplifies installation and minimizes room downtime. Also, the arm design facilitates quick and easy cleaning, which, in return, improves Operating Room set-up time.

Accessory mounting

Interventional and cardiovascular applications require additional accessories like a **speaker, IR-sensor, microphone, x-ray on light and terminal bar**. The CEMOR frame was designed exactly for these requirements. By enclosing all cables and accessories, the CEMOR frame creates a **hygienic solution** for the medical environment.

Convenient usage

CEMOR can be configured with front-facing **bottom and side handles** and also with a **handle on the back of the frame**. The handles allow smooth and precise movement regardless of where the medical staff are positioned.



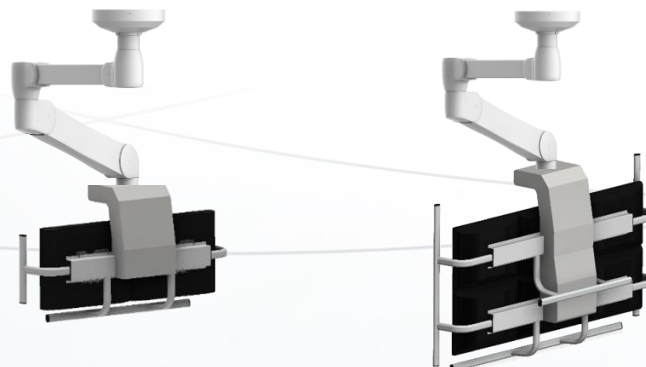
- + 4 x 19"- 32" solution
- + 3 x 19"- 32" solution
- + 2 x 19"- 32" solution



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Type	Height adjustable medical display carrier consisting of: + Ceiling mounted mechanical spring arm combined with CEMOR monitor carrier + Ceiling mounted mechanical spring arm with extension arm combined with CEMOR monitor carrier
Application areas	+ Imaging (e.g. Angiography) + Hybrid Operating Room Cath Lab + Operating Rooms (e.g. Cardiovascular applications)
Payload	To be calculated for the specific configuration
Spring versions	MD 60: 30 - 60 kg, MD 90: 50 - 90 kg, MD 110: 70 - 110 kg
Length of spring arm	1016 mm
Lengths of extension arm	600, 800, 1000, 1200 mm
Vertical stroke	MD 60/MD 90: +25°/-50° (980 mm), MD 110: +25°/-25° (697 mm)
Cable / hose capacity (narrowest point of the system)	1550 mm ² (effective cable capacity) 2826 mm ² (theoretic cable capacity)
Lengths of ceiling tube	Ceiling Tube for spring arm solo: 200, 250, 300, 400, 500, 600, 800, 1000 mm Ceiling Tube for Extension Arm: 250, 300, 400, 500, 600, 800, 1000 mm
Rotation range	330° at CEMOR interface bearing, 360° at intermediate bearing, 340° at ceiling bearing
Type of brake	Friction brake
Color options	RAL 9010, (RAL9002 and RAL9012 on request)
CEMOR - maximum size of monitor	Large Screen: 1 x up to 60", 2/3/4/6/8-fold: 19"-32"
CEMOR - monitor carrier dead weight	VALiA X Large Screen: 22,5 kg; 4/6/8-fold: 21 kg; 2-fold: 7 kg (single row)
CEMOR - operating handles	Side, bottom and rear
CEMOR - weight handles	Side: 1.6-2.9 kg, bottom: 0.7-1.6 kg, rear: 0.7-1.1 kg
CEMOR - VESA interface	VESA 75, VESA 100, VESA 200, VESA Large Screen
CEMOR - power supply unit (PSU)	Back body for integration of PSU, speaker, IR-sensor, microphone, x-ray on light, etc.
Complete assembly	Optionally available
Electrical protection class according to IEC 60601-1	Class I
IP classification according to IEC 60529	IP 20
Mark of conformity	CE mark (from Q3/2022)
3rd Party Approval Mark	NRTL (from Q3/2022)



All information about lengths (mm) and angles (degrees) are approximate values and subject to manufacturing tolerances.
November 2021 / Data and content are subject to change

