

OR-MD

OR-MD 27 4K

MEDICAL DISPLAY

ACL
WWW.OR-PC.DE



- completely closed aluminum housing
- engineered for permanent 24/7 operation
- internal 27" UHD display with all-round viewing angle
- superior image quality
- hygienic design



TECHNICAL DATA OR-MD 27 4K

GENERAL DESCRIPTION	
design	27" (68.8 cm) - TFT-display with UHD resolution
housing	completely closed aluminium housing
cooling	special zone cooling system developed by ACL without any mechanically moving parts and maintenance-free
cleaning	wiping all exterior surfaces with commercially available disinfectants

AMBIENT CONDITIONS	OPERATING	STORAGE
temperature	5 to 40°C	0 to 60°C
relative humidity	10 to 90%, non-condensing	5 to 90%, non-condensing
pressure	101 to 70 kPa or max. 10,000ft altitude	101 bis 19kPa or max. 40,000ft altitude

SUPPLEMENTARY STANDARDS	
DIN EN 60601-1:2013 (Ed. 3.1)	Medical electrical equipment – General requirements for basic safety and essential performance
DIN EN 60601-1-2:2016 (Ed. 4)	Medical electrical equipment – General requirements for basic safety and essential performance Collateral standard – Electromagnetic compatibility – Requirements and tests

	STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
lacquering	RAL 7035, light grey	germ-reducing nanolacquering, other color tones in conformity with RAL
protective pane	extremely scratch-proof aluminosilicate glass with AR-Coating	PCAP-Touchscreen, bonded
dimensions (W x H x D)	approx. 661 x 445 x 59mm	deviations depending on the optional equipment possible
mounting	VESA-100	extensive mounting solutions available as accessories
weight	9,2kg (without accessories)	deviations depending on the optional equipment possible
power supply	internal power supply, 100-240VAC, 50/60Hz, max. 110W	wide range-/direct current input 24V
UPS	none	within the cable cover, up to 10min of backup power during power failures
frontal key panel	on/off Button, 6 keys for OSD navigation	customizes key panels with special functions

DISPLAY MODULE	
panel description	TFT-display with UHD resolution and frontal glass pane
active area	596 x 335mm
color depth	1.07 billion colors
native resolution	3,840 x 2,160 pixel
contrast	1000:1
brightness	370cd/m ²
viewing angle	178°/178°

INTERFACES	
digital	3x HDMI, 1x DP

OSD-SETTINGS	
OSD languages	Englisch, Korean
image parameters	brightness, contrast, color temperature, gamma, input signal and much more

DELIVERY CONTENT		
basic device	OR-MD 27 4K	
cable kits	HDMI	HDMI, DP, potential equalization cable
accessories	manual, power cord	cable cover

Note: Not all options can be combined with one another. Other equipment available upon request.
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