

Medi Cart

Disinfectable - Mobile - Maintenancefree - Modular





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Description / Applications

Features :

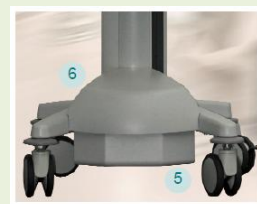
- Modern hospital- and treatment methods require maximum performance to compact, mobile medical devices.
- The **MediCart** has a high measure with safety, stability as well as hygiene as a new generation of mobile devices.
- It is equipped with an optional integrated high-end-PC of the latest generation, an optional operating panel with an electrical lifting system as well as an optional integrated battery with a running time of 8 hours.
- The **MediCart** can be used for single monitor operation as well as for dual-head applications with two monitors.
- As an option in combination with our Medical PC DVD-RW, WLAN, cameramodules and speakers Are available.

Applications:

- Data acquisition, -allocation, -output
- Frontend for eg. OR - (surgery, anesthesia, radiology), air-locks , sterile good accommodation and clean-space
- Visualising / documentation
- PACS , HIS , ultrasonic and endoscopy
- Dual-Head (illustration of two or more applications) in combination with Medical Monitor

Characteristics – Advantages – Benefits:

- Medical Cart with 4 double stearrolls Ø125 mm (2 special roll break) (5)
- Option : Battery power-supply 12 V / 55 Ah Volt integrated. (6)
- Battery running time up to 8 hours (e.g. with Penta Medical PC)
- Option : VLE (Supplying- and Loadingunit) with connections for up to 4 devices (12-24 V) (3)
- Fanless, disinfectable, maintenancefree housing
- Integrated cablemanagement
- Moving grip and side grips (2)
- VESA 75/100 - Mount for one (optional two) PC-/ Monitorsystems (1)
- Option : Controlpanel with electronic high-adjustment (stepless) and power management and battery status (3)
- Workplace for sitting or standing use
- Keyboard-drawer and mouse-deposit (extenable mousepad left- / right), on top with deposit (2)
- USB connectors for keyboard and mouse





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Technical Data MoveIT Cart Series

Systemdata :

	Operating Panel
VLE	4 x 12-24V connectors for 4 devices
USB	2 x USB 2.0
Lifting	Electrical lifting system with up-/down Keys
OLED	Info-LEDs for battery-status and charging
Battery	12V / 55 Ah for 8 h operating time (e.g. with Medical PC)
Mounting	VESA 75/100 for e.g. Medical PC

Option with Medical PC :

CPU	Intel® Core2Duo 1,86 GHz
Chipset	Intel® 45 GS
Cache	6144 kB
RAM	Up to 8 GB DDR (with 64 – bit Operating System)
Graphic controller	Intel® 45GS
Video memory	1024 MB
Storage Media	Automotive HDD (SATA) or industrial grade CF-Card
Display size	19"
USB	6x USB2.0
Ethernet	1x 10/100BaseT DC-isolated ; 1x 10/100/1000BaseT
RS232	2 x serial (galv. isolated)
Video Interface	1x VGA
PCI-Card	1x PCIe 16/1x PCIe 1x
Firewire IEEE	2x 400 (350mA@+12V)

Operating Systems :

Windows	Windows XP; Windows Vista ; XP embedded; Win CE
LINUX	LINUX ; Embedded Linux (on request ; customized)

Environment conditions :

Operating-Temperature	0°C to + 50°C
Storage-Temperatur	- 10°C to + 60°C

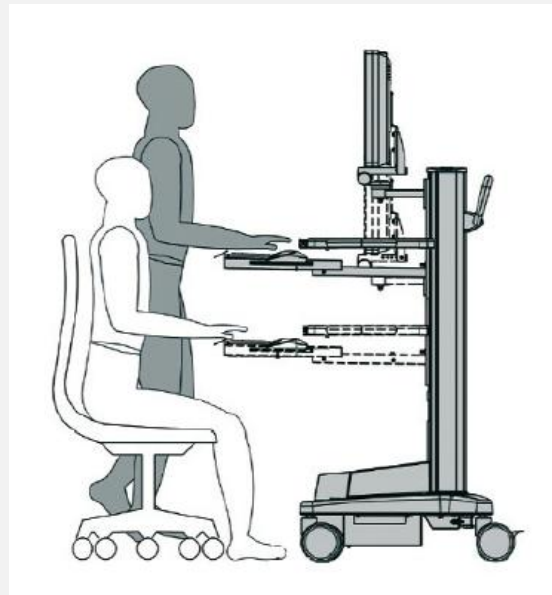
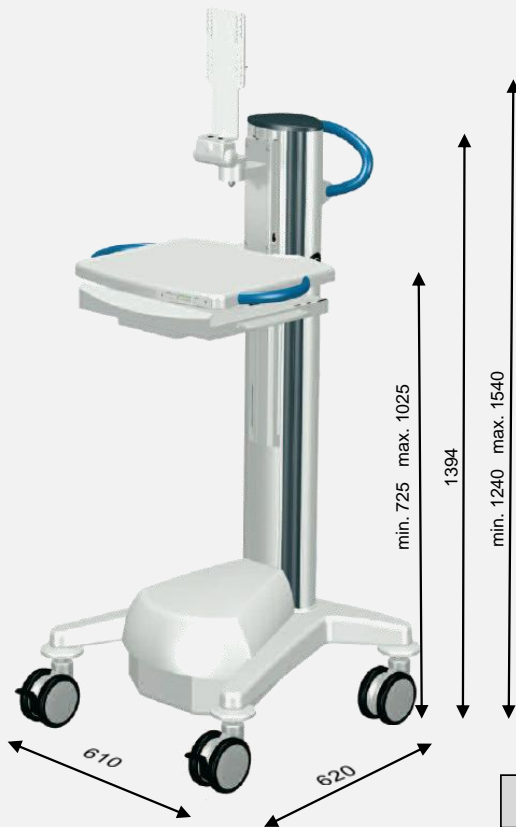
Certificates: CE Certificate of Conformity

Medical	EN60601-1 (1990) + A1 (1993) + A2 (1995) + A12 (1993) + A13 (1996, IEC 60601-1 -2 (2001)
Directive93/42/EEC	EN60601-1-2 (2001)
	RoHS compliant
	ISO 9001 (2008) ; ISO 13485 (2007)
	WEEE-Reg.-Nr. DE 70246803



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Sizes MoveIT Cart Series



All Sizes in mm

PENTA MoveIT Cart Partnumbers :

part-No.	Description
MIT-01-000-000	Medical MediCart without Battery and without elec. Lift, for e.g. Medical PC , Medical Monitor
MIT-01-BAT-000	Medical MediCart with Battery but without elec. Lift, for e.g. Medical PC , Medical Monitor
MIT-01-BAT-HUB	Medical MediCart with Battery and with elec. Lift, for e.g. Medical PC , Medical Monitor
Options :	
MEP-19-C20-02G	Medical 19", SXGA (1280x1024), Core2Duo 1,2 GHz, automotive HDD with OS, 2GB RAM
MEP-19-C80-02G	Medical 19", SXGA (1280x1024), Core2Duo 1,86 GHz, automotive HDD with OS, 2GB RAM