Medi Cart

Disinfactable - Mobile - Maintenancefree - Modular

Description / Applications
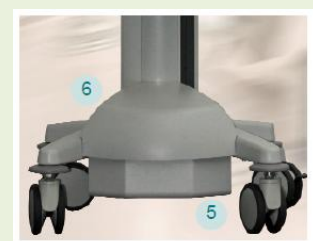
Features :

- 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 otional 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 avaliable.

Applications:

- Data acquision, -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 dubble 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

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	24 x 7 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 :

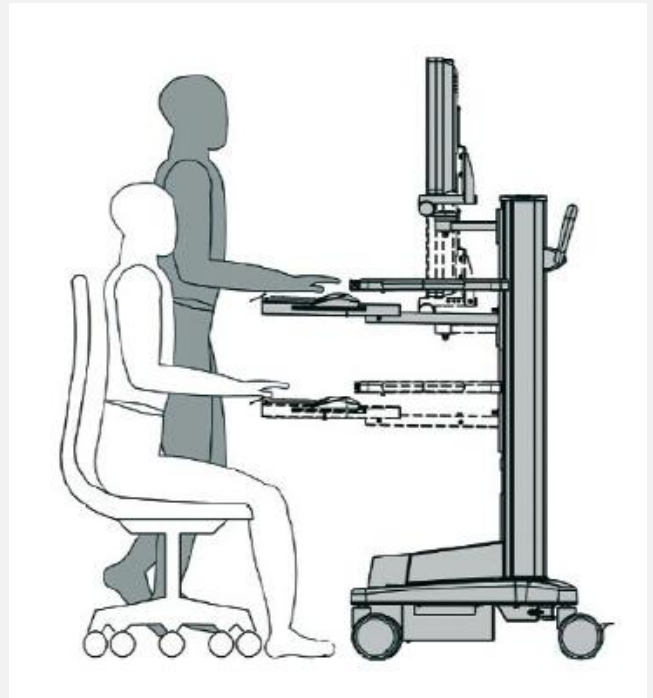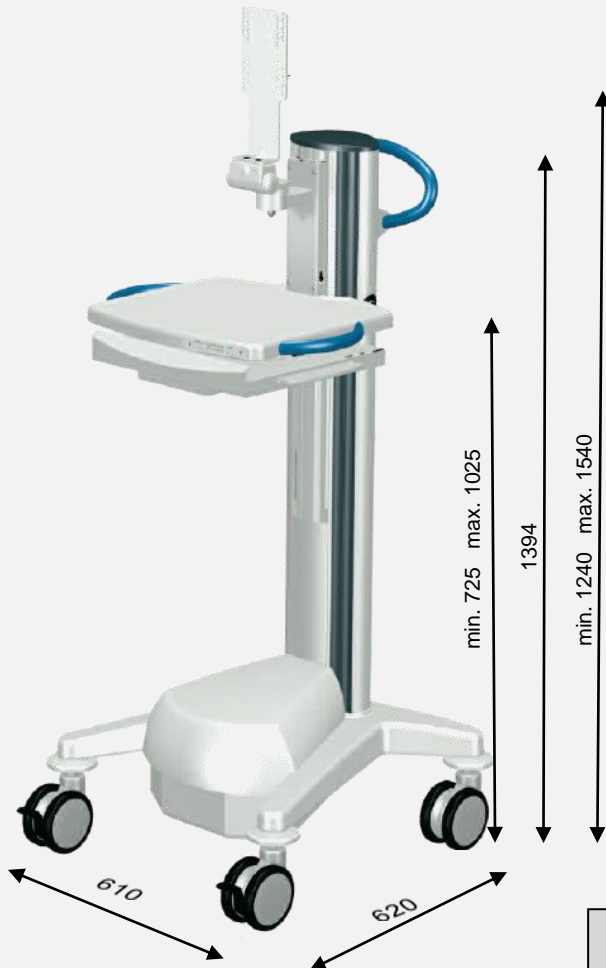|	
Windows	Windows XP; Windows 7; XP embedded
LINUX	LINUX ; Embedded Linux (on request ; customized)

Environment conditions :

Operating-Temperature	0°C to + 50°C
Storage-Temperatur	- 10°C to + 60°C
Humidity (Operating)	10% to 90% relative humidity (not condensing)
Humidity (Storage)	5% to 95% relative humidity (not condensing)

Where Innovation Meets Quality

min. 725 max. 1025

1394

min. 1240 max. 1540

610

620

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