ALPHATRON Medical

smartcart

DATASHEET





SMARTCART PRO

SMARTCART ONE

English Version – August 2026

Creating flow in healthcare

SmartCart

- The base for creating the All-in-one Clinical Carestation
- Ergonomic design for ease of use, cleaning and mobility
- Great flexibility for customization/ configuration/ integration
- Designed for safety/ reliability/ easy maintenance
- Improved driving ability
- Passive and active “touch” workmode
- Efficient Total Cost of Ownership (TCO)
- Medical approved (EN60601-1)
- Wide range of accessories available
- Ready for the future

CE

SmartCart Specifications		
Base dimensions		**W** 535 mm x **D** 575 mm
Work surface		**W** 460 mm x **D** 460 mm
Workspace height		**L** 830 mm - **H** 1180 mm (stroke 350 mm)
Keyboard height		**L** 775 mm - **H** 1125 mm (stroke 350 mm)
Castors		**Ø** 125 mm anti-static castors (2 with brake)
Internal IT Compartment		Locked with key Maximum size computer in AC-version: **W** 195 mm x **D** 220 mm x **H** 55 mm Maximum size computer in DC-version: **W** 250 mm x **D** 220 mm x **H** 55 mm
Keyboard tray		Extendable to front Maximum keyboard size: **W** 420 mm x **D** 169 mm x **H** 30 mm Minimum length keyboard cables 90 cm
Mouse pad		Extendable to left and right Mouse pad size: **W** 175 mm x **D** 165 mm Minimum length mouse cables 115 cm
Battery System	Chemistry	Li-Ion (Standard) LiFePO4 (optional)
	Capacity	Li-Ion: 541Wh LiFePO4: 465Wh
Integrated IT	USB-Hub	7x Integrated USB-hub
Computer & Monitor Integration	Power output	DC-Powered Version: 12-24V AC-Powered Version: 230V (max 220W, current 10A, 12A peak max 10sec)
	Mounting	VESA 75/100
	Monitor Movement	**Pro** version: Swivel (-90˚+90˚), tiltable forwards for 'active mode'**
		One version: Swivel (-90˚+90˚), Height adjustment 130mm
	Max. sizes clients	L*W*H: 190*185*55mm
Optionals	DIN-Rails	Left-side Right-side Back-side In the neck
	Light	Keyboard Light
	LAN RJ45	External LAN connector for easy access
	Wi-Fi	Double wifi antenna for optimal signal
Nett weight incl. battery system		55 kg / 121 lbs

**A computer is not included in the base unit, but optional available (see Peripherals productlist).*
*** See feature details on page 4 for more information.*

SmartCart Packing Specifications	
Dimensions	**W** 720 x **D** 640 mm x **H** 1560 mm
Gross weight (incl. packing)	..... kg (cart with battery, computer, monitor and packing material)

SmartCart Articles		EU	CH	UK	US
Manual Height	DC-Version	4900.0350	4900.0355	4900.0360	4900.0365
	AC-Version	4900.0300	4900.0305	4900.0310	4900.0315
Electrical Height	DC-Version	4900.0450	4900.0455	4900.0460	4900.0465
	AC-Version	4900.0400	4900.0405	4900.0410	4900.0415

Power systems Li-Ion	
Battery capacity	541Wh
Power input	100 – 240 V, 50 – 60 Hz, AC input
Battery type	Lithium-ion
Battery runtime	> 12 hours
	(depends on System configuration and usage)
Battery charge time	Approximately 3 hours
Battery lifetime	DOD 80%, 2000 cycles
Dimensions	282 x 258 x 100 mm (11.1" x 10.2" x 3.9")
Certifications	CE, FCC Class B
Nett weight	8,8 kg / 18 lbs

Feature details – Overall



1a	Tilting and swiveling of the monitor (passive mode) Applies only to the SmartCart Pro version
1b	Tilting and swiveling of the monitor (active mode) Applies only to the SmartCart Pro version
2	Keyboard and mouse (left- and rightside)
3	Easy accessable internal computer (iPC) or Thin Client
4	Various DIN-Rail mounting possibilities (left, right, backside + extra neck mounting capacitiy)
5	2x easy access USB input connectors
6	RFID card reader integration below work surface with indicator
7	Keyboard lights for night work mode
8	Dashboard with battery indicator, buttons for switching system ON/OFF and Height Adjustment up/down

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ALPHATRON MEDICAL INNOVATIONS B.V. | FAIROAKSBAAN 192 | 3045 AS ROTTERDAM
+31 88 55 06 243 | INFO@ALPHATRONINNOVATIONS.COM | WWW.ALPHATRONINNOVATIONS.COM