



SOMATOM / NAEOTOM

Instructions for Use – Monitor Cart

Legend



Indicates a hint
Is used to provide information on how to avoid operating errors or information emphasizing important details



Indicates the solution of a problem
Is used to provide troubleshooting information or answers to frequently asked questions



Indicates a list item



Indicates a prerequisite
Is used for a condition that has to be fulfilled before starting a particular operation



Indicates a one-step operation



Indicates steps within operating sequences

Italic

Is used for references and for table or figure titles



Is used to identify a link to related information as well as previous or next steps

Bold

Is used to identify window titles, menu items, function names, buttons, and keys, for example, the Save button
Is used for on-screen output of the system including code-related elements or commands

Orange

Is used to emphasize **particularly** important sections of the text

Courier

Is used to identify inputs you need to provide

Menu > Menu Item

Is used for the navigation to a certain submenu entry

<variable>

Is used to identify variables or parameters, for example, within a string

 CAUTION

CAUTION

Used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury or material damage.

CAUTION consists of the following elements:

- Information about the nature of a hazardous situation
- Consequences of not avoiding a hazardous situation
- Methods of avoiding a hazardous situation

 WARNING

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

WARNING consists of the following elements:

- Information about the nature of a hazardous situation
 - Consequences of not avoiding a hazardous situation
 - Methods of avoiding a hazardous situation
-

	1	Introduction	5
	1.1	Scope of this Instructions for Use	5
	1.2	Manufacturer of the accessory	6
	2	Safety information	7
	2.1	General safety information	8
	2.2	Specific safety information	8
	2.2.1	Safety information on monitor cart	8
	2.2.2	Safety information on performing an examination	9
	2.2.3	Safety information on cleaning and disinfecting	9
	2.2.4	Safety information on disposal	10
	3	Description	12
	3.1	Monitor cart	12
	4	Operation	14
	4.1	Positioning the monitor cart	14
	5	Cleaning and disinfecting the equipment	15
	6	Technical specifications	17
	6.1	Monitor cart	17
	6.1.1	Single monitor cart	17
	6.1.2	Dual monitor cart	18
	7	Location of labels	19
	7.1	Monitor cart	19
	7.1.1	Front side (single / dual)	19
	7.1.2	Rear side (single)	20
	7.1.3	Rear side (dual)	22
	8	Disposal	25
		Index	26

1 Introduction

This Instructions for Use document provides detailed information about your accessories and system components.

1.1 Scope of this Instructions for Use

This Instruction for Use document applies to the following CT systems:

- SOMATOM Spirit
- SOMATOM Emotion
- SOMATOM Scope
- SOMATOM Sensation
- SOMATOM Perspective
- SOMATOM Definition AS
- SOMATOM Definition Edge
- SOMATOM Confidence
- SOMATOM Edge Plus
- SOMATOM Definition Flash
- SOMATOM Drive
- SOMATOM Force, SOMATOM Force Velo*
- SOMATOM go.Now, SOMATOM go.Now Rise*
- SOMATOM go.Up, SOMATOM go.Up Rise*
- SOMATOM go.All
- SOMATOM go.Top, SOMATOM go.Top Rise*
- SOMATOM go.Fit*
- SOMATOM go.Sim
- SOMATOM go.Open Pro

- SOMATOM Pro.Pulse, SOMATOM Pro.Pulse Velo*
- SOMATOM X.cite
- SOMATOM X.ceed
- NAEOTOM Alpha, NAEOTOM Alpha.Peak¹⁾
- NAEOTOM Alpha.Pro¹⁾
- NAEOTOM Alpha.Prime¹⁾

¹⁾ Only for the Single Monitor Cart with the 24" inch monitor.



* This CT system is only available in China.

1.2 Manufacturer of the accessory

For the manufacturer and manufacturer's note of the accessory, refer to the *Instructions for Use* of your CT system.

2 Safety information

Follow the safety information in this document.



To ensure the safe use of your product and the safety of people, you must adhere to the safety information provided in the Instructions for Use. In addition, also observe your country-specific regulations and guidelines.

Safety information is located in the safety section and repeated within context where a hazardous situation may occur. To make sure safety information is understood, always read it in context of the situation.

WARNING and CAUTION are highlighted in the text:

 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

WARNING and CAUTION have the same structure. The following example CAUTION instructs you how to read a WARNING or a CAUTION:

 **CAUTION**

This text describes the hazardous situation: Images with lossy compression are used for diagnosis!

This text describes the hazard: Wrong diagnosis.

- ◆ **This text describes how to avoid the hazardous situation:** Always verify your evaluation results with the original DICOM images (first reader duty).
- ◆ Never use lossy ...

2.1 General safety information

For the secure operation of your medical device, it is the responsibility of the system owner to ensure that each person who operates the system reads and understands the provided Instructions for Use.



WARNING

Not observing the Instructions for Use and the safety information of the medical device and the equipment!

Injury to the patient or personnel, and damage to the equipment.

- ◆ Always observe the Instructions for Use of the particular units used. This includes the labels applied on the equipment as well as the Instructions for Use documents.
- ◆ Always use this Instructions for Use document in conjunction with all Instructions for Use documents provided.
- ◆ Follow the safety instructions and safety signs.
- ◆ For references purposes, store the Instructions for Use near your workplace.

Electronic Instructions for Use are provided on your CT system and on the workplace.

2.2 Specific safety information

This subsection lists safety information for monitor cart.



Always refer to the corresponding workflow description.

2.2.1 Safety information on monitor cart

Observe the following safety information when using the monitor cart.

**CAUTION**

Tripping of user and other persons!

Injury to the patient, the personnel, or other persons.

- ◆ Make sure that cables are installed in such a way that nobody can stumble over them.

2.2.2 Safety information on performing an examination

Observe the following safety information before and during an examination.

**CAUTION**

Incorrect use of original equipment, and use of non-original and non-released equipment!

Wrong diagnosis

- ◆ Use only the original accessories and equipment or equipment that is released by Siemens Healthineers. This includes, for example, phantoms, footswitches, ECG-cables, positioning aids, or table extensions.
- ◆ Use the released equipment exclusively for its original purpose.
- ◆ Always follow the instructions for use of the particular units used. This includes the labels applied on to the equipment as well as the instructions for use documents.

2.2.3 Safety information on cleaning and disinfecting

Observe the following safety information on cleaning and disinfecting the monitor cart.

**CAUTION**

Insufficient cleaning and disinfection of the equipment!

Infection risk for the patient or the personnel (bio hazard).

- ◆ Always clean and disinfect the equipment after use. Follow the instructions for cleaning and disinfecting.

Check if system components or accessories are worn out to ensure proper cleaning and disinfection. Replace worn out components or accessories immediately.

Make sure that the table and the accessories are cleaned and covered, for example, with paper or medical drapes.

**CAUTION**

Using improper cleaning agents and disinfectants!

Injury to the cleaning personnel (allergic reaction or allergic shock) and damage to the equipment.

- ◆ Follow the cleaning and disinfecting instructions of the Instructions for Use.

Do not use unsuitable cleaning agents and disinfectants.

Follow the instructions of the cleaning and disinfectant manufacturer and follow their dosage instructions.

2.2.4 Safety information on disposal

Observe the following safety information on disposing the monitor cart.

**CAUTION**

Incorrect disposal of the system or parts of the system!

Pollution of the environment.

- ◆ System components hazardous to persons or the environment must be disposed of with care and in compliance with legally binding ordinances.

Examples of environmentally relevant components are accumulators and batteries, transformers, capacitors, monitor picture tubes, and phantoms.

For details, contact your local Representative at Siemens Healthineers.

3 Description

This section provides information about the CT system, system components, and accessories.

Schematic representations of the equipment are included.

3.1 Monitor cart

The Monitor Cart is a system that is able to carry one or two monitors. The monitors can be 19" or 24" inch monitors. The Monitor Cart can be moved easily and positioned anywhere the user needs. The monitors are hard-wired to the CT system to display information.



Single monitor cart



Dual monitor cart

4 Operation

This section provides information about how to operate your system components or accessories.

4.1 Positioning the monitor cart



CAUTION

Tripping of user and other persons!

Injury to the patient, the personnel, or other persons.

- ◆ Make sure that cables are installed in such a way that nobody can stumble over them.



- 1 Move the monitor cart by using the handle only.
- 2 Place the monitor cart at any position and lock the brakes.

5 Cleaning and disinfecting the equipment

This section provides you with information regarding cleaning and disinfecting.



CAUTION

Insufficient cleaning and disinfection of the equipment!

Infection risk for the patient or the personnel (bio hazard).

- ◆ Always clean and disinfect the equipment after use. Follow the instructions for cleaning and disinfecting.

Check if system components or accessories are worn out to ensure proper cleaning and disinfection. Replace worn out components or accessories immediately.

Make sure that the table and the accessories are cleaned and covered, for example, with paper or medical drapes.



CAUTION

Using improper cleaning agents and disinfectants!

Injury to the cleaning personnel (allergic reaction or allergic shock) and damage to the equipment.

- ◆ Follow the cleaning and disinfecting instructions of the Instructions for Use.

Do not use unsuitable cleaning agents and disinfectants.

Follow the instructions of the cleaning and disinfectant manufacturer and follow their dosage instructions.



- Make sure that the surfaces of the medical device and its equipment only come in contact with intact and healthy skin.
- Make sure that measures are taken to protect damaged or unhealthy skin if contact cannot be avoided.

-
- ◆ Always observe the cleaning and disinfecting instructions of your CT system provided in the *Instructions for Use – Cleaning and disinfection* that is available as:
 - Part of the **Help** at your workplace
 - A PDF at the following location: <https://doclib.siemens-healthineers.com/home>
 - A printed document (optional)

6 Technical specifications

This section provides the technical specifications of the equipment.

6.1 Monitor cart

Dimensions and weight may vary slightly from the finished product due to manufacturing tolerances.

6.1.1 Single monitor cart

Dimensions and weight

Height, including monitor	from 1350 mm (53.1 in) to 1400 mm (55.1 in)
Width	≤ 552 mm (21.7 in)
Width, including monitor	from 480 mm (18.9 in) to 575 mm (22.6 in)
Length	≤ 632 mm (24.9 in)
Weight	≤ 20 kg (44 lb)

6.1.2 Dual monitor cart

Dimensions and weight

Height, including monitor	from 1350 mm (53.1 in) to 1400 mm (55.1 in)
Width	≤ 552 mm (21.7 in)
Width, including monitor	from 840 mm (33 in) to 1150 mm (45.3 in)
Length	≤ 632 mm (24.9 in)
Weight	≤ 30 kg (66.1 lb)

7 Location of labels

This section provides information about the main labels applied on the outside of the CT system and system components.

The respective labels can be found at the positions indicated by reference lines and numbers in the corresponding overview images. Legends next to these overview images list the reference numbers and the title of the labels.

Additional information about each listed label is outlined in a separate paragraph next to the corresponding legends. Each label is referred to by the reference number and the label title used in the corresponding legend.

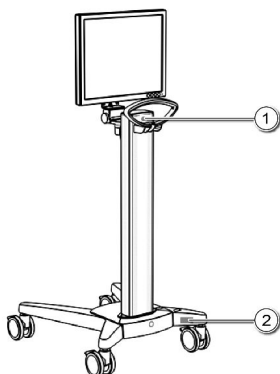
For the meaning of the colors of the safety signs, refer to the Quick Guide of your CT system.



The numbers and parameters on the labels are examples only. Always refer to the original labels that are applied on the CT system and system components.

7.1 Monitor cart

7.1.1 Front side (single / dual)



- (1) Warning, pushing prohibited
- (2) Product identification label

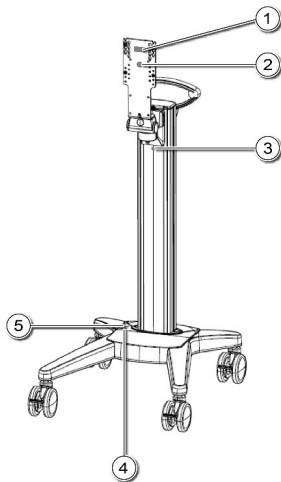
(1)

Pushing prohibited



Only move the monitor cart by using the handle.

(2)

Product identification label**7.1.2 Rear side (single)**

(1) Maximum load capacity (monitor holder)

(2) Warning, pushing prohibited

(3) Hygiene label

(4) Total weight label

(5) Maximum load capacity (footstand)

(1)

Maximum load capacity

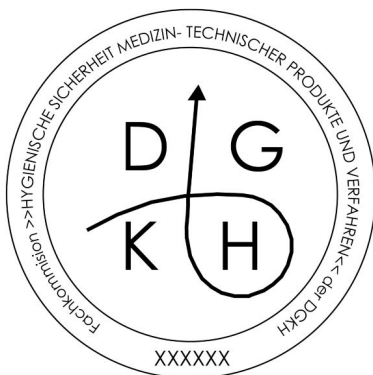
The maximum permissible load must not exceed 6 kg (13 lbs), which is approximately 59 N.

(2)

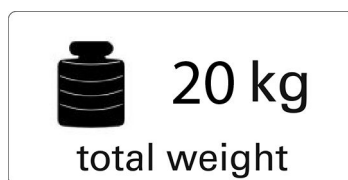
Pushing prohibited

Only move the monitor cart by using the handle.

(3)

Hygiene label

(4)

Total weight label

Mono cart: The total weight with one monitor is 20 kg (44 lbs), which is approximately 196 N.

(5)

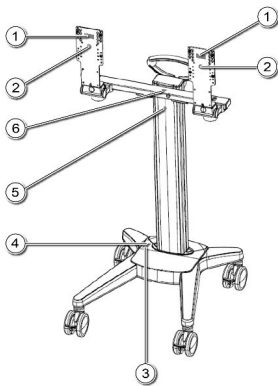
Maximum load capacity

The maximum permissible load must not exceed 65 kg (143,3 lbs), which is approximately 638 N.



The maximum load is referenced to the possible load of the footstand. As the cart is only used as monitor cart, the total weight is less than the possible maximum load.

7.1.3 Rear side (dual)



- (1) Maximum load capacity (monitor holder)
- (2) Warning, pushing prohibited
- (3) Total weight label
- (4) Maximum load capacity (footstand)
- (5) Hygiene label
- (6) Maximum load capacity (traverse for monitor holder)

(1)

Maximum load capacity



The maximum permissible load must not exceed 6 kg (13 lbs), which is approximately 59 N.

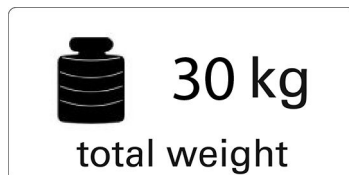
(2)

Pushing prohibited



Only move the monitor cart by using the handle.

(3)

Total weight label

Dual cart: The total weight with two monitors is 30 kg (66 lbs), which is approximately 294 N.

(4)

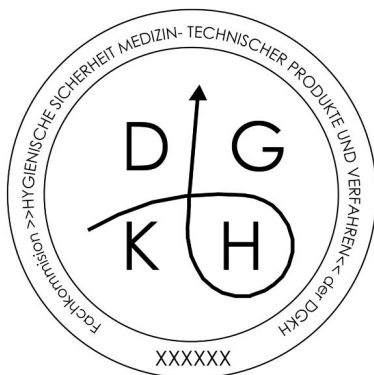
Maximum load capacity

The maximum permissible load must not exceed 65 kg (143,3 lbs), which is approximately 638 N.



The maximum load is referenced to the possible load of the footstand. As the cart is only used as a monitor cart, the total weight is less than the possible maximum load.

(5)

Hygiene label

(6)

Maximum load capacity

The maximum permissible load must not exceed 28 kg (61,7 lbs), which is approximately 275 N.

8 Disposal

In European Union (EU) states, Siemens Healthineers will take back and dispose of the packing material of your CT system. On disposal of the system or parts, currently valid environmental legislation must be observed.



CAUTION

Incorrect disposal of the system or parts of the system!

Pollution of the environment.

- ◆ System components hazardous to persons or the environment must be disposed of with care and in compliance with legally binding ordinances.

Examples of environmentally relevant components are accumulators and batteries, transformers, capacitors, monitor picture tubes, and phantoms.

For details, contact your local Representative at Siemens Healthineers.

For further information, see *System Owner Manual*, chapter *Green performance and disposal*.

D

description 12

L

location of labels 19

P

positioning 14

This document is maintained in electronic form through Siemens Healthineers distribution channels. Printed versions not provided by Siemens Healthineers and/or downloaded copies are considered uncontrolled.

Gender inclusivity: At Siemens Healthineers, we want to address all genders equally in our Instructions for Use. It is not our intention to exclude anyone. We continue to update our documentation with this in mind.

The original language of this document is English.

Siemens Healthineers

Headquarters

Siemens Healthineers AG

Siemensstr. 3

91301 Forchheim

Germany

Phone: +49 9191 18-0

[siemens-healthineers.com](https://www.siemens-healthineers.com)