



MedizinTechnik

English

Operating Instructions

# ATMOS<sup>®</sup> Chair 51 D



CE

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## 1.1 Notes on Operating Instructions



These operating instructions contain important notes on how to operate the ATMOS® Chair 51 D safely, correctly and effectively. Their reading helps to avoid risks, and also to reduce repair costs and down-times. This increases, amongst other things, the reliability and service-life of the chair.

These operating instructions serve not only for new operating personnel to be instructed in its use, but also for use as a reference manual. Reprints (also in extracts) only with permission in written form by ATMOS.

**These operating instructions must always be kept available near the device.**



Care and safety inspections in conjunction with professional execution provide for operational safety and readiness for use of your ATMOS® Chair 51 D and are therefore a must besides regular cleaning.

Repair work and safety inspections may be carried out only by expert personnel authorised by ATMOS. By applying only original spare parts you will have the guarantee that operational safety, readiness for work and the value of your ATMOS® Chair 51 D will be preserved.



- The product ATMOS® Chair 51 D bears CE marking CE according to the EC Directive of the council for medical products 93/42/EEC and meets the basic requirements of Appendix I of the directive.
- The product ATMOS® Chair 51 D complies with all applicable requirements of the Directive 2011/65/EC restricting the use of certain hazardous substances in electrical and electronic equipment ("RoHS").
- The declaration of conformity and our general standard terms and conditions can be obtained on our website at [www.atmosmed.com](http://www.atmosmed.com).
- The quality management system applied at ATMOS has been certified according to international standards EN ISO 13485.
- Prior to start-up please peruse chapter 2.0 „For your safety“, in order to be prepared for any possible dangerous situations.

## 1.2 Intended use

**Name:** ATMOS® Chair 51 D

**Main function:** This doctor's chair enables the optimum positioning of the doctor with regard to height and access to the patient

**Medical indications / application:** For positioning the doctor at the patient during his treatment

**Specification of the main function:**

- Height adjustment of the seat by gas compression spring from approx. 56 cm up to approx. 74 cm
- 360° rotation
- Lockable in every heights position
- Backrest adjustable in height and inclination, rotatable
- Mobile on 5 castors

**Application organ:** Positioning of the patient

**Application time:** Temporarily (up to 60 minutes)

**Application site:** In clinics and practices for ENT doctors and phoniaticians. The application of the doctor's chair must be executed by medically trained persons only.

### Contraindications:

- Maximum weight load: 140 kg
- May only be used as seating on horizontal surfaces

**The product is:** not active

**Sterility:** Not necessary

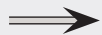










**Single-use product / reprocessing:** No single use product

## 1.3 Function




- With the doctor's chair ATMOS® Chair 51 D the examiner can take optimum position to the patient.
- The ATMOS® Chair 51 D is equipped with a mechanical height adjustment. The seat height can be varied between 56 and 74 cm.
- The ATMOS® Chair 51 D is mobile on 5 castors and equipped with a backrest which is adjustable in height and inclination. In addition it is rotatable and can therefore be used as elbow rest.

## 1.4 Explanation of pictures and symbols

### Short cuts / symbols contained in these operating instructions

	Follow the arrows		General information		Move, plug... in this direction
	● Please press where dot indicates		Numeration		Turn, shift ... in this direction
	Please read, important information		Sub-numeration		Replace
			Check		Engage, check correct fit


### Graphic symbols contained in these operating instructions


	Warning, special diligent notice		Important information		Observe operating instructions.
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### Symbols of ATMOS® Chair 51 D

**SN** Serial number

**REF** Order number

 Manufacturing date

 This product complies with the relevant requirements of EU Directives

### 1.5 Scope of supply

- Prior to dispatch, the ATMOS® Chair 51 D was subjected to an extensive functional test and was carefully packed. Nevertheless, please compare the contents of the shipment on completeness immediately upon receipt (see delivery note).



Chair



Operating  
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### 1.6 Transport and storage

- The transport of the chair may be effected only in a dispatch carton upholstered and offering sufficient protection.
- Please note down and immediately report any damages which occurred during shipping. Please make use of the attached **QD 434 delivery complaint / return shipment form** when complaining or sending back.

#### **Ambient conditions:**

Transport / storage:

- -10...+50°C;
- 30...95 % air humidity without condensation
- at an air pressure of 700...1060 hPa



For your safety

- Warranty period for this unit: 2 years. This period is unaffected by any repair or maintenance carried out under the terms of warranty.
- There are no warranty claims whatsoever on defects which arise from the use of third party accessories or consumables.
- ATMOS is not liable for personal injury and damage to property if
  - no original ATMOS parts are being used,
  - the advice for use in these operating instructions is not being observed,
  - assembly, new settings, alterations, extensions and repairs have been carried out by personnel not authorised by ATMOS.
- Before putting the ATMOS® Chair 51 D into operation, visually check it for any signs of damage. Defect chairs must be replaced immediately. Prior to use please check proper function of the chair.
- Dispose of wrappings accordingly.
- Please observe the ambient conditions stated in the technical data (chapter 7.0).

### 3.1 Setting up the ATMOS® Chair 51 D

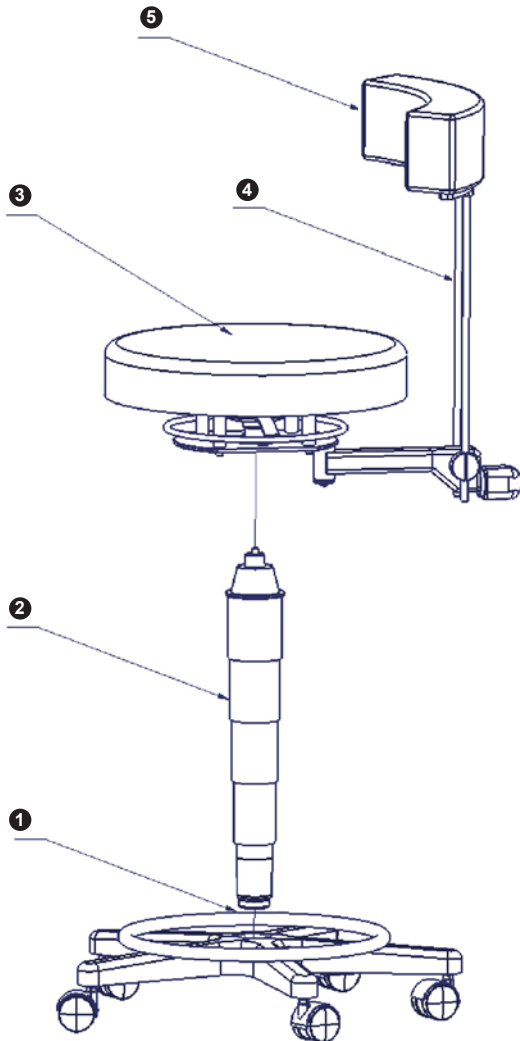


Fig. 1.

- Insert the gas compression spring including cover (2) into the star base (1).
- Attach the seating surface (3) to the gas compression spring (2).
- Fix the backrest cushion (5) to the backrest (4).

### 3.2 Height and inclination adjustment of backrest

- Height and inclination of the backrest can be adjusted with the screw (1, Fig 2) using a hexagonal wrench.

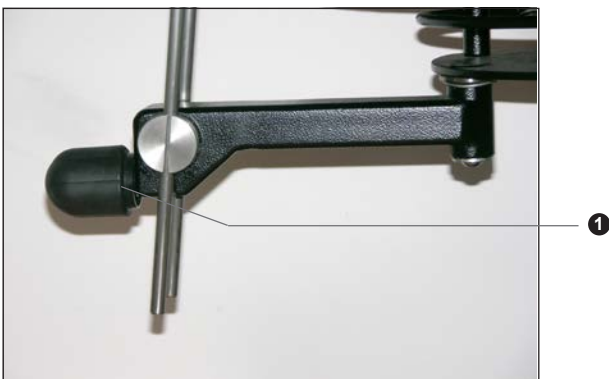


Fig. 2.

- Screw for the backrest height adjustment



Fig. 3. 1 Adjusting the backrest position

### 3.3 Adjusting the position of the backrest

- The position of the backrest (1, Fig. 3) can be adjusted in height and inclination. In addition it is rotatable and can therefore be used as elbow rest.



Fig. 4. Adjusting the backrest position  
Upwards and downwards



Fig. 5. Adjusting the backrest position  
Forward and back



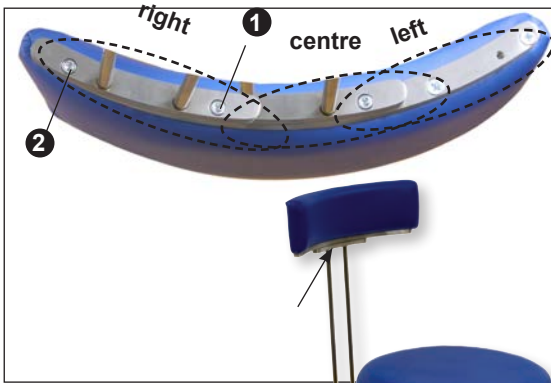


Fig. 6.

### 3.4 Mounting the backrest

- Loosen the screws (1 and 2, Fig 6). Attach the backrest to the relevant drillings and refix the screws. The backrest is rotatable and can therefore be used as elbow rest as well. There are 3 mounting positions possible: right, centre, left.



Fig. 7.

### 3.5 Using the backrest resp. elbow rest



Fig. 8.



Fig. 9.

### 3.6 Adjusting the seat height

- By pulling the lever (1, Fig 9) upwards, the height adjustment is released (for upward and downward movement). The gas operated compression spring provides for the upward movement. The height can be reduced by simultaneously pressing on the seat. When releasing the lever the chair remains arrested in the desired position.

### 4.1 General information on cleaning and disinfection

#### Prior to cleaning

Medical chairs such as the ATMOS® Chair 51 D must be failsafe at all times.

- ☞ The described measures relating to cleaning and disinfection resp. sterilisation do not replace the relevant instructions which must be adhered to prior to operation!
- For disinfection, you may use all surface and upholstery disinfectants listed in chapter 4.3 and 4.4 "Recommended disinfectants".

- ☞ Always observe the concentration specifications and instructions by the respective manufacturer!

#### Do not use

- Disinfectants which contain organic or inorganic acids or bases as they could cause corrosion damage.
- Disinfectants containing chloramides, phenol derivatives or anionic tensides, as these may cause stress cracks in the plastic material used.

### 4.2 Cleaning and disinfection of the device surface and upholstery

- The surfaces of the ATMOS® Chair 51 D are resistant against all the recommended surface disinfectants stated in chapter 4.3 and 4.4. Nevertheless after a longer period of use discolouration could occur.
- Substances such as blood must be removed immediately to prevent stains.
- The device itself can be wiped off with a moist (not wet) cloth.



Do not use aggressive or abrasive cleansing agents. For the upholstery standard dry foam may be used.

Treatment with a commonly used care product for artificial leather is recommended once a week in order to keep the upholstery soft and smooth.

### 4.3 Recommended surface disinfectants

- The surfaces of the ATMOS® Chair 51 D can be cleaned / wiped with disinfectants containing the following active ingredients: QAV (quaternary ammonium compounds)

### 4.4 Recommended disinfectants for the upholstery

Disinfectant	Ingredients	(in 100 g)	Manufacturer
ATMOS® Green & Clean SK (Application solution)	Alkyl dimethyl benzyl ammonium chloride	< 1 g	Metasys, Rum (Austria)
	Alkyl dimethyl ethyl benzyl ammonium chloride	< 1 g	
	Di alkyl dimethyl ammonium chloride	< 1 g	

## 5.0 Maintenance



Maintenance, repairs and period tests may only be carried out by persons who have the appropriate technical knowledge and are familiar with the product. To carry out these measures the person must have the necessary test devices and original spare parts.

ATMOS recommends: Work should be carried out by an authorized ATMOS service partner. This ensures that repairs and testing are carried out professionally, original spare parts are used and warranty claims remain unaffected.

Please comply with the country-specific guidelines regarding regular testing.

There are no warranty claims whatsoever on defects which arise from the use of third party accessories or consumables.

### 5.1 Sending in the device

- Remove and properly dispose of consumables.
- Clean and disinfect the product and accessories according to the operating instructions.
- Place used accessories with the product.
- Fill in the form QD 434 „Delivery complaint / return shipment“ and the respective **decontamination certificate**.
- ☞ This form is enclosed with each delivery and can be found at [www.atmosmed.com](http://www.atmosmed.com).
- The device must be well padded and packed in suitable packaging.
- Place the form QD 434 „Delivery complaint / return shipment“ and the respective **decontamination certificate** in an envelope.
- Affix the envelope to the outside of the package.
- Send the product to ATMOS or to your dealer.

## 6.0 Technical data



Height adjustment	Manual, gas compression spring
Seat diameter	42 cm
Seat height	55 - 74 cm
Maximum weight load	140 kg
Ambient conditions transport / storage	
• Temperature	-10...+50° C
• Humidity without condensation	30...95 %
• Air pressure	500...1060 hPa
Dimensions	
• Star base	Ø 60 cm
Weight	14 kg
Classification according to Appendix IX EC Directive 93/42/EEC	Class 1
CE marking	CE
UMDNS code	10-794

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## 7.0 Checking



A regular and thoroughly cleaning and disinfection of the ATMOS® Chair 51 D according to these operating instructions is taken for granted.



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