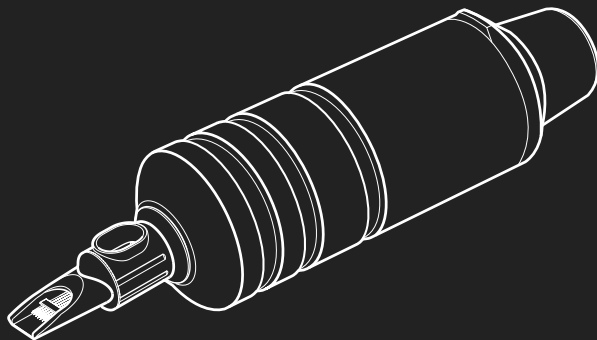


*CHEYENNE®*

# SOL NOVA

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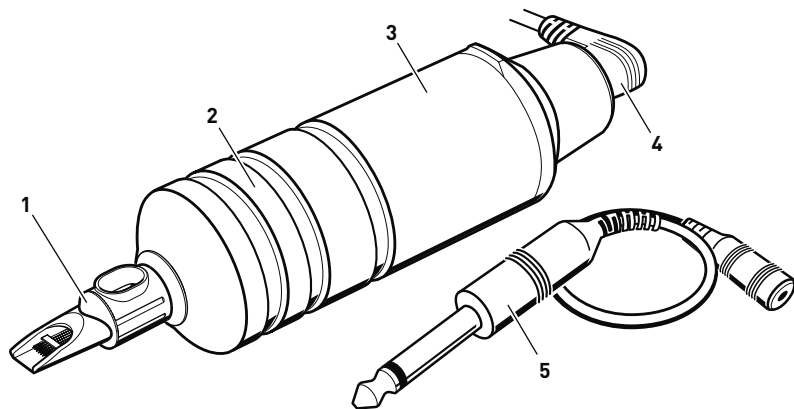


Gebrauchsanweisung  
Operating instructions  
Gebruiksaanwijzing  
Instructions  
Istruzioni per l'uso  
Instrucciones de uso

Manual de instruções  
Οδηγίες  
Opskrift  
Bruksanvisning  
Ohjeet  
Instrukcja obsługi

Instrukce  
Navodila nt pl za uporabo  
Utasítás  
инструкции  
说明

CHEYENNE®  
**SOL  
NOVA**



Cheyenne SOL Nova

Translation of original  
operating instructions

The original operating  
instructions were  
written in German.

**CHEYENNE®**  
**SOL**  
**NOVA**

## Operating instructions

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## 1 About these operating instructions

These operating instructions apply to the Cheyenne SOL Nova and to its accessories. They contain important information about how to operate and maintain these products safely and in the intended manner.


These operating instructions do not contain all of the information needed for safe operation of the SOL Nova and its accessories. Note the following additional documents:

- Operating instructions for the Cheyenne Power Unit and/or an external power unit and, if applicable, a foot switch
- Information about safety cartridges and tattoo inks
- Safety data sheets about disinfectants and cleaning agents
- Health and safety information and statutory provisions relating to tattooing

### 1.1 Display of warning notices


Warning notices draw attention to the risk of personal injury and damage to materials and are structured as follows:

 <b>SIGNAL WORD</b>
<b>Type of hazard</b>
<b>Consequences</b>
<b>► Remedy</b>

<b>Element</b>	<b>Meaning</b>
	Indicates a risk of injury
Signal word	Specifies the severity of the hazard (see following table)
Type of hazard	Gives the type and source of the hazard
Consequences	Describes potential consequences of non-compliance
Remedy	Indicates how to avoid a hazard

<b>Signal word</b>	<b>Meaning</b>
Warning	Indicates a hazard that can lead to death or to serious injury if the hazard is not avoided
Caution	Indicates a hazard that can lead to minor to relatively serious injury if the hazard is not avoided
Attention	Indicates potential hazards that can lead to damage to the environment, property, or the tattoo equipment if this hazard is not avoided

### 1.2 Symbol used in these operating instructions

<b>Symbol</b>	<b>Meaning</b>
	Call for action
•	List point
-	List sub-point

## 2 Important safety notices



### 2.1 General safety information

- ▶ Read these operating instructions carefully and completely.
- ▶ Keep these operating instructions in a readily accessible location for everyone who uses, cleans, disinfects, sterilises, stores or transports the SOL Nova.
- ▶ When handing the SOL Nova on to another person, always enclose these operating instructions.
- ▶ Follow the safety regulations applicable to tattooing in your country. Keep your tattoo studio in a hygienic, clean condition and provide sufficient lighting.
- ▶ Use the SOL Nova, its accessories and the power unit as well as all connecting cables in perfect technical condition.
- ▶ Only use genuine safety cartridges, accessories and spare parts from Cheyenne.

### 2.2 Product-dependent safety information

- ▶ Never modify the SOL Nova, the safety cartridges or their accessories.
- ▶ Prevent fluids from entering the drive unit.
- ▶ During the tattooing process, protect the drive and its connecting cables with a protective hose (see Page 27). Also protect the power unit with a plastic sheet.
- ▶ Whenever the SOL Nova is not in use, switch it off and place it safely so that it cannot roll away and fall to the ground.
- ▶ Note the technical data quoted in these operating instructions and comply with operating, transport and storage conditions (see Page 24).
- ▶ Hand over the SOL Nova to a specialist retailer for inspection if it exhibits any external signs of damage or if it does not function in the usual manner.

### 2.3 Important hygiene and safety regulations

To prevent infectious diseases resulting from tattooing being transmitted to the customer or to the tattoo artist:

- ▶ Before use, follow the steps required to disinfect the equipment (see Page 25).
- ▶ During the tattooing process, wear disposable nitrile or latex gloves and disinfect them before use.
- ▶ Before applying a tattoo, clean the affected areas of the customer's skin with a mild cleaning and disinfectant agent. When selecting an appropriate disinfectant, take note of the applicable regulations in your country.
- ▶ For every customer and each ink, always use new, sterile-packaged safety cartridges. Before each usage, ensure that the packaging is undamaged and that the use-by date has not passed.
- ▶ Dispose of used or defective safety cartridges in a sharps container (safety box) in accordance with the regulations applicable in your country.



- ▶ Prevent safety cartridges coming into contact with contaminated objects, e.g. clothing. Dispose of contaminated safety cartridges immediately.
- ▶ Always use dermatologically safe inks designed specifically for tattooing.
- ▶ Avoid contact with freshly tattooed skin. Protect freshly tattooed areas of skin from dirt and from exposure to UV light and sunlight.
- ▶ Check on a regular basis if the SOL Nova has become visibly contaminated by the return flow of inks or bodily fluids. If this has happened, in addition to regular disinfection, you must perform all the steps described in chapter "Cleaning and maintaining the SOL Nova" (see Page 29).

## 2.4 Contra-indications

Tattooing is **not** permitted in case of the following:

- Haemophilia or other blood-clotting disorders
- Currently taking blood thinning medication (e.g. Warfarin, Heparin, aspirin, acetylsalicylic acid)
- Uncontrolled diabetes mellitus

- Any form of active acne in the area that shall be tattooed
- Dermatoses (e.g. skin tumours, keloids or extreme tendency for keloid formation, solar keratosis, warts and/or moles) in the area that shall be tattooed
- Open wounds and/or eczema and/or rashes in the area that shall be tattooed
- Scars in the area that shall be tattooed
- Systemic infections and infectious diseases (e.g. Hepatitis type A, B, C, D, E or F; HIV infection) or acute local skin infections (e.g. herpes, rosacea)
- During chemotherapy, radiotherapy or high-dosage corticosteroid therapy (recommendation: from four weeks before the start until four weeks after the end of the therapy)
- Up to twelve months after a plastic surgery operation in the area that shall be tattooed
- Up to six months after filler injections in the area that shall be tattooed
- Under the influence of alcohol and/or drugs
- Pregnancy and lactation

The treatment must be terminated immediately in the event of:

- Excessive perception of pain
- Fainting/dizziness

## 2.5 Side-effects

In some cases, minor side effects can arise during and after the tattooing process. These side effects are listed below.

### Frequent:

- Localised bleeding in the area of the tattooed skin
- Pain and discomfort on the first day after the tattooing process
- Short-term inflammatory reactions, erythema and/or oedema up to six days after the tattooing process
- Skin irritations (e.g. itching or temperature increase), which normally die out over the first 12 to 72 hours after the tattooing process
- Formation of scabs, which normally recede in the first five days
- Temporary peeling of the skin which normally subsides within eight days



### Seldom:

- Formation of herpes simplex virus type I (HSV-I) blisters
- Formation of small pustules or milia as a result of inadequate cleaning of the skin prior to the tattooing process
- Hyperpigmentation with the body's own pigments, in particular with darker skin types, but completely cleared up within a few weeks
- Retinoid reaction (from slight reddening to peeling of the skin)
- Possible heating of the pigmented area under PET and MRT radiation

As a matter of principle, recently tattooed skin areas should be protected from UV and solar radiation.

### Furthermore, the following problems can occur in response to tattooing:

- Ink shade differences
- Pigment loss
- Allergic reactions to components of the aseptic pigment colour

## 2.6 Required qualification

The SOL Nova may only be used by people who have acquired the following knowledge:

- Basic knowledge of the tattooing process, in particular correct insertion depth and frequency
- Knowledge of the hygiene and safety regulations (see Page 21)
- Knowledge of the impact of tattoo ink below the skin
- Knowledge of the risks and side-effects (see chapters "Contra-indications" on page 22 and "Side-effects" on page 22).

## 2.7 Intended use










The SOL Nova is a professional tattooing machine for the application of tattoos to the human skin in dry, clean and smoke-free environments, and under hygienic conditions. It must be prepared, used and maintained in the manner described in these operating instructions. In particular, the applicable provisions for workplace layout must be observed, and all materials used must be sterile.






Intended use also includes thoroughly reading and understanding these operating instructions, in particular the chapter "Important safety notices".

Unintended use is defined as using the SOL Nova or its accessories in a way not described in these operating instructions, or failing to comply with its operating conditions. In particular the tattooing of mucous membranes, or the eyes, and the tattooing of minors is prohibited.

## 2.8 Symbols on the product

The following symbols can be found on the SOL Nova, its accessories or its packaging:

Symbol	Meaning
	Observe instructions for use!
	Manufacturer
	Date of manufacture
	Catalogue number
	Serial number
	Batch code
	Sterilised with ethylene oxide
	Use-by date
	Attention!

Symbol	Meaning
	Temperature limit
	Humidity limit
	Store in a dry place
	Fragile
	Cannot be used if packaging is damaged
	Do not reuse!
	Dispose of properly as used electronic equipment!

### 3 Scope of delivery

- 1 Cheyenne SOL Nova
- 1 Power cable
- 1 Cable adapter (6.3 mm jack to 3.5 mm socket)
- 1 Operating instructions

## 4 Product info about the SOL Nova

The Cheyenne SOL Nova is a high-performance device and is much quieter and vibrates less than conventional tattooing machines. It has powerful skin piercing power and frequency.

### 4.1 Technical data

Nominal voltage	5 to 12.6 V DC
Power intake	3 W
Start-up current	Max. 2.5 A for max. 200 ms
Piercing frequency	25 to 150 Hz
Stroke	3.5 mm
Needle protrusion	0 to 4.0 mm
Electrical connection	3.5 mm jack
Drive	Brushless DC motor
Operating mode	Continuous operation
Diameter	33 mm
Length	102 mm
Weight	Approx. 150 g

Sound emission pressure level	Max. 70 dB (A)
Total vibration	Max. 2.5 m/s <sup>2</sup>

### 4.2 Operating conditions

Ambient temperature	+10 to +35°C
Relative humidity	30 to 75%

### 4.3 Accessories

The following accessories can be purchased from your local specialist retailer:

- Cheyenne safety cartridges
- Cheyenne Power Units
- Cheyenne foot switch
- Handles
- Cable adapters

Protective hoses must have a diameter of 34 to 40 mm. This corresponds to a hose width of 54 to 63 mm.



## 5 Getting the SOL Nova ready for operation

### ATTENTION

#### Damage from condensate

If the SOL Nova is exposed to significant variation in temperature, e.g. during transport, condensate can form inside which can damage the electronics.

- ▶ Ensure that the SOL Nova has reached ambient temperature before using it. If it was exposed to high temperature fluctuations, wait for at least 3 hours for every 10°C of temperature difference before putting it into operation.
- ▶ Only use the SOL Nova at ambient temperatures of +10 to +35°C.

### 5.1 Disinfecting equipment

### ATTENTION

#### Damage to drive caused by fluid

If disinfectant gets inside the drive, this can corrode the electrical and mechanical components.

- ▶ Never immerse the drive in disinfectant.

### ATTENTION

#### Product damage caused by non-approved disinfectants

Disinfectants that are not compatible with the materials of the product can damage its surface.

- ▶ Always use disinfectants that are approved, i.e. that comply with stipulations in your country.
- ▶ Note the list of recommended disinfectants in chapter "Material compatibilities" on page 29.
- ▶ Switch off the power supply to the SOL Nova.
- ▶ Check if the SOL Nova has been contaminated badly by the return flow of ink or bodily fluids. In such cases, perform the steps described in chapter "Cleaning and maintaining the SOL Nova" (see Page 29).
- ▶ Wipe down the connecting cables, the drive and the handle with a soft cloth dipped in disinfectant.

## 5.2 Replacing the safety cartridge

### ⚠ WARNING

#### Risk of injury from needles

Injuries caused by contaminated needles from the safety cartridges can lead to the transmission of disease.

- ▶ Always use genuine Cheyenne safety cartridges for the SOL Nova. The installed safety membrane on these safety cartridges prevents the ingress of ink into the drive, and also prevents pathogens from entering the appliance.
- ▶ Never hold the safety cartridge by its tip.
- ▶ Switch off the SOL Nova before changing the safety cartridge.
- ▶ Ensure that when removing a used safety cartridge, no ink remnants can run into the handle.
- ▶ Never push the needles out of the safety cartridge.
- ▶ Check during the removal of a used safety cartridge that the needles are completely retracted into the safety cartridge.

► Dispose of used safety cartridges that are no longer required for the current application (see chapter "Disposal of equipment" on page 31).

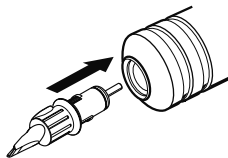
► The safety cartridges are supplied in sterile packaging. Do not remove them from their packaging until immediately before you intend to use them.

► Always place the SOL Nova safely so that the safety cartridge does not come into contact with other surfaces.

► Seek medical attention if injured by a contaminated needle.

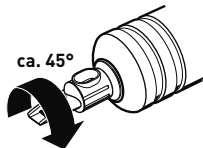
► Switch off the power supply to the SOL Nova.

► Insert the safety cartridge in the opening in the handle, as illustrated below.



Due to its locating points on the top and bottom, each safety cartridge can only fit in the oval opening in two ways.

► Rotate the safety cartridge clockwise through approx. 45°.



As you rotate it, several locating points will engage audibly until the safety cartridge is firmly locked into position.

► Check that the safety cartridge is firmly seated.

► To remove the safety cartridge, turn it anti-clockwise and remove it from the handle.

### 5.3 Connecting the power unit

#### ⚠ CAUTION

##### Risk of short circuits

If cable or cable connection is visibly damaged, there is a risk of damage to the electronics.

► Perform a visual inspection of the SOL Nova and the cable for signs of damage, e.g. a defective cable connection.

► Never bend the connecting cable while in operation.

► Observe the operating instructions for the particular power unit.

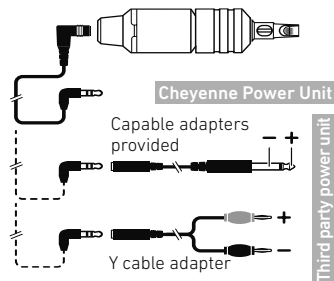
#### ⚠ CAUTION

##### Cables constitute a trip hazard

People can stumble over inappropriately routed cables and get injured.

► Route all cables so that no-one can stumble over them or pull them accidentally.

There are three ways to supply power to the SOL Nova:



1. Connecting it to a Cheyenne Power Unit with the connecting cable provided in the scope of delivery (recommended)
2. Connecting it to an third-party power unit with the 6.3 mm jack and the cable adapter supplied  
The external power unit must deliver approx. 5 to 12.6 V direct current and the required start-up current indicated in chapter 4.1. If more than about 12.6 V is connected to the SOL Nova, it will shut down automatically.

3. Connection to a third-party power supply using the optionally available Y-cable adapter with banana plugs  
The red banana plug must be connected to the positive terminal while the black banana plug must be connected to the negative terminal of the third-party power unit.

- ▶ Connect the socket of the connecting cable (supplied) to the connection on the drive unit of the SOL Nova.
  - ▶ Plug the jack of the connecting cable fully into the output socket on the power unit.
- If you are using an third party power unit, connect up its terminals correctly, as described in the operating instructions of the third party power unit.
- ▶ Connect the power unit to the mains power supply.
  - ▶ Cover the Power Unit or the third party power unit with a plastic sheet.

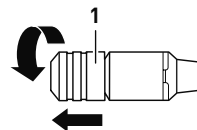
## 5.4 Fitting the protective hose

### ATTENTION

#### Damage to drive caused by fluid

If fluid gets inside the drive or on the connection, this can corrode the electrical and mechanical components.

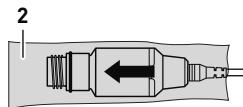
- ▶ Always use a protective hose with a diameter of 34 to 40 mm. This corresponds to a hose width of 54 to 63 mm.
- ▶ Remove the connecting cable from the SOL Nova.
- ▶ Cut off a section of protective hose of an appropriate length.
- ▶ Slide this section of protective hose completely over the connecting cable.
- ▶ Completely unscrew the handle (1) from the drive.



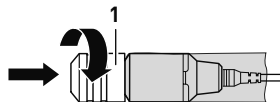
- ▶ Reconnect the connecting cable and its fitted protective hose to the SOL Nova.

Cheyenne SOL Nova

- Pull the end of the protective hose (2) completely over the SOL Nova.



- Screw the handle (1) back onto the thread of the drive unit.



## 5.5 Checking equipment

- Conduct a visual inspection of the equipment:
  - Are there any visible signs of external damage (e.g. bends in the connecting cable, a loosened cap near the cable connection)?
  - Are there any exposed cables?
  - Are the safety cartridge and the needles correctly aligned?
- Switch on the SOL Nova and conduct a noise test: Can you hear any unusual operating noises, or is the unit running loudly?

Cheyenne SOL Nova

- If you detect anything unusual, refer to chapters "For questions or problems" and "Disclaimer of warranties" on page 32.
- If the SOL Nova is no longer operating safely, take it out of service and consult your local specialist retailer.

## 6 Using the SOL Nova

### 6.1 Setting the needle protrusion

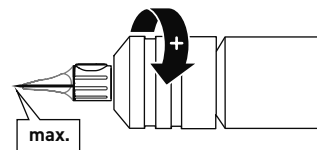
#### ⚠ CAUTION

#### Risk of injury from excessive protrusion of needle

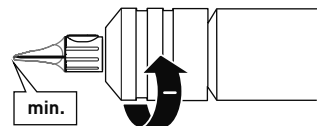
A large needle protrusion permits a deep piercing depth. If needle protrusion and piercing depth are excessive, this can damage the subcutaneous layer.

- Start with just a short length of needle protruding.
- Switch on the power.
- Adjust the needle protrusion while the SOL Nova is switched on; to do this, turn the handle.

Turning clockwise increases the protrusion of the needle:



Turning anti-clockwise reduces the protrusion of the needle:



- Check the needle protrusion on the SOL Nova.

If the needle protrusion changes accidentally during operation because the handle does not remain fixed in position, then clean the inside of the handle, the thread of the drive, the grooves and the small O-ring thoroughly (see Page 30). If the problem persists, replace the small O-ring in addition (see Page 30).

If the problem still persists, consult your local specialist retailer.

## 6.2 Setting the piercing frequency

### ⚠ CAUTION

#### Risk of injury due to high piercing frequency

If the piercing frequency is too high, the skin is cut.

- ▶ Always start at a low piercing frequency, e.g. 70.

- ▶ Switch on the power.
- ▶ Set an appropriate piercing frequency. The piercing frequency must suit the characteristics of the customer's skin, the needle protrusion and the individual piercing depth when working, as well as the operating speed.

**With a Cheyenne Power Unit** the piercing frequency can be adjusted in 10 increments using the arrow keys.

**With a third-party power unit**, the piercing frequency can be adjusted via the output voltage: The permitted voltage range of 5 to 12.6 V equates roughly to a piercing frequency range of 25 to 150 needle insertions per second. 10 V equates to

about 110 needle insertions per second at idle speed. If the output voltage exceeds about 12.6 V, the SOL Nova switches off automatically.

## 6.3 Loading with ink

- ▶ Immediately before use, dip the tip of the safety cartridge in the desired colour of ink for 2 to 3 seconds with the unit running. Avoid contact with the ink container. The ink is picked up by the needles. Alternatively, the ink can be filled into the opening on the safety cartridge using a sterile pipette.

## 7 Cleaning and maintaining the SOL Nova

### ⚠ CAUTION

#### Risk of short circuits

If components of the SOL Nova are dismantled and cleaned while still powered, there is a risk of damage to the electronics in the drive unit.

- ▶ Before starting any cleaning and maintenance work, switch off the power supply to the SOL Nova.

### ATTENTION

#### Damage to drive caused by fluid

If cleaning fluid or disinfectant gets inside the drive, this can corrode the electrical and mechanical components.

- ▶ Never immerse the drive in cleaning fluid or disinfectant.
- ▶ Never use an autoclave or an ultrasonic bath to clean the drive and the connecting cable.
- ▶ Pay attention to compatibility of materials when selecting cleaning agents and disinfectants (see the following section).

## 7.1 Material compatibilities

- ▶ Wherever possible, use one of the following disinfectants

Manufac-turer	Product	Exposure time
Antiseptica	Big Spray 'new'	1 to 5 mins
Bode Chemie	Bacillol	30 s to 1 min
Ecolab	Incidin Foam	1 to 2 mins

Schülke & Mayr	Mikrozid Liquid	1 to 2 mins
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Based on the following material compatibilities, you can assess which other cleaning agents and disinfectants are suitable.

The anodised aluminium components of the SOL Nova are **resistant** to:

- Weak acids (e.g. acetic acid  $\leq 10\%$ , citric acid  $\leq 10\%$ )
- Aliphatic fluorocarbons (e.g. pentane, hexane)
- Ethanol
- Most inorganic salts and their aqueous solutions (e.g. sodium chloride, calcium chloride, magnesium sulphate)

The anodised aluminium components of the SOL Nova are **not resistant** to:

- Strong acids (e.g. hydrochloric acid, sulphuric acid, nitric acid)
- Oxidising acids (e.g. peracetic acid)
- Lyes (e.g. caustic soda, ammonia and all substances with a pH value  $> 7$ )
- Aromatic/halogenised fluorocarbons (e.g. phenol, chloroform) as well as
- acetone and benzene

Cheyenne SOL Nova

## 7.2 Disinfecting surfaces

Before and after each usage:

- ▶ Disinfect all surfaces of the SOL Nova and its accessories as described in chapter "Disinfecting equipment" on page 25.

## 7.3 Cleaning surfaces

In the event of external contamination:

- ▶ Wipe the SOL Nova and the protective hose with a soft cloth dipped in a cleaning agent or a disinfectant.
- ▶ Clean inaccessible surfaces, e.g. the thread of the drive unit, with a soft-bristled nylon brush.

## 7.4 Cleaning handle in an ultrasonic bath

If the handle is severely soiled:

- ▶ Use the cleaning agent Tickomed 1 or Tickopur R33 from manufacturer Dr. H. Stamm GmbH in accordance with the manufacturer's instructions.
- ▶ Make sure that a pH value of 7 is not exceeded.
- ▶ Conduct the cleaning operation for 10 minutes at a frequency of 35 kHz.
- ▶ Dry the handle fully after cleaning, before you use it again.

## 7.5 Sterilising handle in an autoclave

Whenever the handle is contaminated:

- ▶ Perform all operations described in chapter 'Disinfecting equipment' (see Page 25).
- ▶ Autoclave the handle for 20 minutes at a temperature of 121°C and a pressure of 2 bar.
- ▶ Dry the handle fully after cleaning, before you use it again.

## 7.6 Cleaning or replacing O-rings

There are two O-rings that prevent the handle from turning too smoothly. If it is too easy to turn the handle so that the needle protrusion alters accidentally:

- ▶ Degrease the O-ring with a soft cloth dipped in a cleaning agent or a disinfectant.
- ▶ If the problem persists, replace the O-rings with new ones and lubricate them with silicone grease if necessary.

## 8 Equipment transport and storage conditions

### ATTENTION

#### Damage to product caused by dropping it

If the SOL Nova is dropped or falls, this can damage its motor and the cap beside the cable connection can come loose, exposing the cable.

- ▶ Always place the SOL Nova on the SOL Nova TRAY so that it cannot roll away and/or fall.
- ▶ If the SOL Nova does fall or get dropped, conduct a visual inspection of the components and a test for unusual noises.
- ▶ Hand over the SOL Nova to a specialist retailer for inspection if it has visible signs of damage, if the operating noise level changes strongly or if it stops functioning normally.
- ▶ Always transport the SOL Nova and its accessories in their original packaging.

- ▶ Always store the SOL Nova and its accessories under the following conditions:

Ambient temperature	-40 to +50°C
Relative humidity	30 to 75%
Air pressure	200 to 1060 hPa

## 9 Disposal of equipment

- ▶ Dispose of the SOL Nova and accessories bearing the following designation in accordance with the applicable regulations for used electronic equipment. If necessary, consult the specialist retailer or the responsible authorities to learn about applicable regulations.
- ▶ Provide containers at the workplace for legislation-compliant disposal of contaminated components.
- ▶ Dispose of used or defective safety cartridges in a sharps container (safety box) in accordance with the regulations applicable in your country.

## 10 For questions or problems

If there is radio interference:

- ▶ First of all, disconnect all components, e.g. the handle and connecting cable, from the SOL Nova.
- ▶ Check all connections and reassemble the components.
- ▶ Check the functions of the SOL Nova once again.

The SOL Nova has a temperature switch-off. For safety reasons, the motor shuts itself off automatically if high temperatures are reached. If the temperature switch-off was triggered:

- ▶ Let the SOL Nova cool down to room temperature and then restart it.

If functional problems persist, and if you have any questions or complaints, please contact the specialist retailer responsible.

To obtain information about our current offers, the selection of safety cartridges and accessories, please visit our website [www.cheyenne-tattoo.com](http://www.cheyenne-tattoo.com).

## 11 Manufacturer declarations

### 11.1 Disclaimer of warranties

With the Cheyenne SOL Nova you have purchased a high-quality branded product. The reliability of this device is assured through application of the latest inspection technologies and certification.

MT.DERM GmbH is certified in accordance with DIN EN ISO 13485:2012 (quality management system for medical products).

A warranty period of one year applies to radio interference problems resulting from defects in material and workmanship for the product.

For the safety cartridges, we guarantee sterility until the expiry date on the packaging providing that the packaging is sealed and undamaged and that the transport and storage conditions have been complied with. For complaints relating to safety cartridges, please advise us of the batch number printed on the label.

We do not provide warranty cover in respect of the following types of damage:

- Damage and secondary damage arising from unintended use or failure to comply with the operating instructions
- Damage arising from the ingress of fluids or dirt into the drive
- Damage and consequential damage due to falling or dropping



## 11.2 Declaration of Incorporation

Declaration of Incorporation according to machine directive 2006/42/EC, Appendix II 1B

Manufacturer: MT.DERM GmbH  
Gustav-Krone-Str. 3  
D-14167 Berlin

Person responsible for compiling the relevant technical documentation: Marcel Tritsch, Documentation Officer,  
MT.DERM GmbH  
Gustav-Krone-Str. 3  
14167 Berlin, Germany

Product: Tattooing device  
Product name: Cheyenne SOL Nova  
Item number: CB520, CB520A to CB520Z  
Serial number: C00001 to 99999

The manufacturer declares that the product indicated above is an incomplete machine within the meaning of the machine directive. The product is intended only for installation into a machine, an incomplete machine or in an assembly with equipment and therefore does not meet all the requirements of the machine directive.

Basic Machine directive requirements used or complied with:

1.1.2; 1.1.3; 1.1.5; 1.1.6; 1.2.2; 1.3.1; 1.3.2; 1.3.3; 1.3.4; 1.3.7; 1.5.1; 1.5.2; 1.5.4; 1.5.5; 1.5.6; 1.5.8; 1.5.9; 1.5.11; 1.5.13; 1.6.1; 1.6.3; 1.7.1.1; 1.7.4; 1.7.4.1; 1.7.4.2; 1.7.4.3; 2.1; 2.1.1; 2.1.2; 2.2.1; 2.2.1.1

The special technical documentation according to Appendix VII Part B has been established. The person authorized to compile the technical documentation agrees to hand over the documentation upon justified request by the national authorities. The transfer will be made by mail in paper form or on an electronic data medium.

It is forbidden to operate the product until, as applicable, it has been determined that the machine in which the aforementioned product is to be installed meets all fundamental requirements of the machine directive.

This declaration is issued on behalf of the manufacturer by:

Berlin, August 31, 2018, Jörn Kluge

  
Signature of CEO or deputy

Original  
Cheyenne SOL Nova

### 11.3 Declaration of Conformity

The manufacturer: MT.DERM GmbH  
Gustav-Krone-Str. 3  
D-14167 Berlin

Person responsible for compiling the relevant technical documentation:

Marcel Tritsch, Documentation Officer

hereby declares on their own responsibility that the following product:

Product: Tattooing device  
Product name: Cheyenne SOL Nova  
Item number: CB520, CB520A to CB520Z  
Serial number: C00001 to 99999

complies with the stipulations of the following directives:

EMC directive: 2014/30/EU

RoHS Directive: 2011/65/EU

The following harmonized standards were applied:

IEC 61000-3-2 (ed.3) +am1/2: Electromagnetic compatibility (EMC) Part 3--2: Limits - Limits for harmonic current emissions

IEC 61000-3-3 (ed.2): Electromagnetic compatibility (EMC) Part 3--3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection

CISPR 14-2:1997/AMD1:2001/  
AMD2:2008: EMC test for home appliances, electrical tools and similar apparatus

CISPR 14-1:2005/AMD1:2008/  
AMD2:2011: EMC test for home appliances, electrical tools and similar apparatus

DIN EN 82079-1: Preparation of instructions for use - Structuring, content and presentation

This declaration is issued on behalf of the manufacturer by:

Berlin, August 31, 2018, Jörn Kluge



Signature of CEO or deputy

Original

