

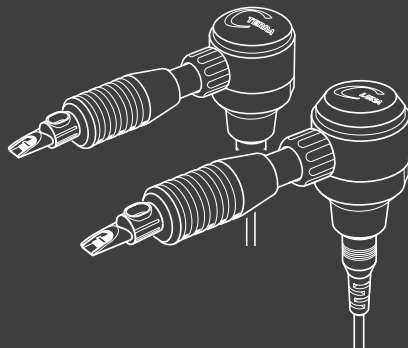
CHEYENNE®

SOL

TERRA

SOL

LUNA

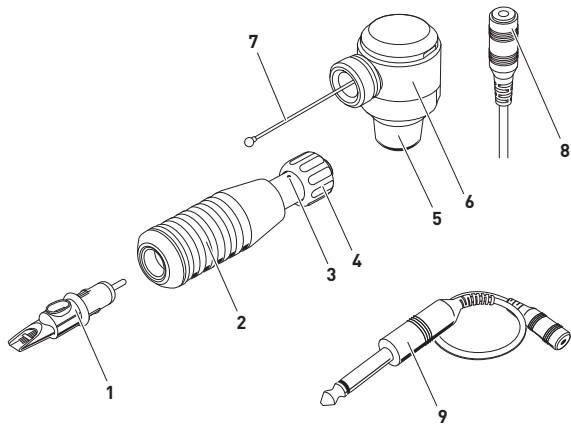


Gebrauchsanweisung
Instruction for use
Gebruiksaanwijzing
Manuel d'utilisation
Istruzioni per l'uso
Instrucciones de uso

Manual de instruções
Οδηγίες
Opiskrift
Bruksanvisning
Ohjeet
Instrukcja obsługi

Instrukce
Navodila nt pl za uporabo
Utasítás
инструкции
使用说明书

CHEYENNE®
SOL
TERRA
SOL
LUNA



Congratulations on your purchase of this micropigmentation device which, as with all our micropigmentation devices, was produced by ISO 13485-certified manufacturing plants located in Germany.

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Instruction for use

Table of Contents

1	About this instruction for use.....	27	6	Using the tattooing machine.....	37
1.1	Warning symbols and statements used in this instruction for use.....	27	6.1	Setting the needle protrusion depth.....	37
2	Important safety notices.....	28	6.2	Setting the piercing frequency.....	38
2.1	General safety information.....	28	6.3	Setting Steady Mode and Responsive Mode	38
2.2	Product-dependent safety information.....	28	6.4	Loading with ink.....	38
2.3	Important hygiene and safety regulations...	28	7	Cleaning and maintaining the tattooing machine....	39
2.4	Contraindications.....	29	7.1	Material compatibilities.....	39
2.5	Risks.....	29	7.2	Disinfecting surfaces.....	40
2.6	Required qualification.....	30	7.3	Cleaning surfaces.....	40
2.7	Intended Use.....	30	7.4	Cleaning handle in an ultrasonic bath.....	40
2.8	Symbols on the product.....	30	7.5	Sterilizing handle in an autoclave.....	40
3	Scope of delivery.....	31	8	Transport and storage conditions.....	41
4	Product information.....	31	9	Disposal of equipment.....	41
4.1	Technical data.....	31	10	For questions or problems.....	41
4.2	Operating conditions.....	31	11	Manufacturer declarations.....	42
4.3	Accessories.....	32	11.1	Disclaimer of warranties.....	42
5	Preparing the tattooing machine for use.....	32	11.2	Declaration of Incorporation.....	43
5.1	Disinfecting equipment.....	32	11.3	Declaration of Conformity.....	44
5.2	Assembling and disassembling the handle and drive.....	33			
5.3	Replacing the safety cartridge.....	33			
5.4	Connecting the power unit.....	34			
5.5	Fitting the protective sleeve.....	35			
5.6	Checking equipment.....	37			

1 About this instruction for use



This operating manual applies to the Cheyenne tattooing machines SOL Terra and SOL Luna as well as their accessories. It contains important information about how to operate and maintain these products safely and in the intended manner.

This operating manual does not contain all of the information needed for safe operation of tattooing machines and their accessories. Note the following additional documents:

- Operating manual 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 Warning symbols and statements used in this instruction for use

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

 SIGNAL WORD	
Type of hazard	
Consequences	
► Remedy	
Element	Meaning
	Indicates a hazard of injury
Signal word	Specifies the severity of the hazard (see table below)
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

Signal word	Meaning
Hazard	Indicates a hazard that will definitely lead to death or to serious injury if the hazard is not avoided
Warning	Indicates a hazard that may 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 risks to the environment, property or equipment if this hazard is not avoided

Symbols used in this operating manual

Symbol	Meaning
►	Call for action
•	List point
-	List sub-point

2 Important safety notices



2.1 General safety information

- ▶ Carefully read this entire operating manual.
- ▶ Keep the operating manual in a readily accessible location for everyone who uses, cleans, disinfects, sterilizes, stores or transports the machine.
- ▶ When sharing your tattooing machine with someone else, always enclose this operating manual.
- ▶ Follow the safety regulations applicable to tattooing in your country. Keep your tattoo studio in a hygienic, clean condition and provide sufficient lighting.
- ▶ Only use your tattooing machine, its accessories and the power unit as well as all handiece cables when they are in perfect working order.
- ▶ Only use tattoo modules, accessory and spare parts from Cheyenne and do not use plug-in power supply units from third-party manufacturers.

2.2 Product-dependent safety information

- ▶ Never modify the machine, the safety cartridges or their accessories.
- ▶ Prevent fluids from entering the drive unit.
- ▶ During the tattooing process, protect the drive and its handiece cables with a protective sleeve (see chapter 5.5 on page 35). Also protect the power unit with a film.
- ▶ If you are not using your tattooing machine, switch it off and place it in a secure location so that it cannot roll away and fall down.
- ▶ Note the technical data quoted in this operating manual and comply with operating, transport and storage conditions (see 4 on page 31).
- ▶ Hand over the machine 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 client or to the tattoo artist:

- ▶ Before use, follow the steps required to disinfect the equipment (see chapter 5.1 on page 32).
- ▶ 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 each client 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 your country's regulations.

- ▶ 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 regularly to determine whether there is visible soiling of the tattooing machine. If this has happened, in addition to regular disinfection, you must perform all the steps described in the chapter 7 on page 39.

2.4 Contraindications

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

- Haemophilia/blood vessel conditions
- Current consumption of blood thinners (e.g. Warfarin, Heparin, acetylsalicylic acid)
- Uncontrolled diabetes mellitus
- Any form of active acne in the skin region to be tattooed
- Dermatitis (e.g. skin tumors, keloids or extreme inclination for keloid formation, solar keratosis, warts and/or moles) in the skin region to be tattooed
- Open wounds and/or eczema and/or skin rashes in the skin region to be tattooed
- Scars in the skin region to be tattooed
- Systemic infections and infective diseases (e.g. hepatitis 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: less than four weeks before the beginning until four weeks after the end of the therapy)
- Up to twelve months after plastic surgery in the skin region to be tattooed
- Up to six months after filler injections in the region to be tattooed
- Under the influence of alcohol and/or drugs
- Pregnancy and lactation

The treatment must be terminated immediately in the event of:

- Excessive sensations of pain
- Fainting / dizziness

2.5 Risks

In some cases, minor side effects can appear during and after the tattooing process, as described below.

Frequent:

- Local bleeding in the region of the skin surface to be tattooed
- Pain and discomfort on the day after tattooing
- Temporary inflammatory reactions, erythema and/or edema up to 6 days after tattooing
- Skin irritations (e.g. itching or heating), which normally wear off during the first 12 to 72 hours after the tattooing process
- Scabbing, which normally recedes within the first 5 days

- Temporary flaking of the skin, which normally wears off within 8 days

Rare:

- Formation of blisters of the herpes-simplex virus type I (HSV-I)
- Formation of small pimples or skin eruptions if skin is not cleaned carefully after the tattooing process
- Hyper-pigmentation with body's own pigments, in particular on dark skin types, but which disappear completely within a few weeks
- Retinoid reaction (slight irritation up to peeling of skin)
- Possible warming of the pigmented area under PET and MRT radiation

Basically, recently treated areas of skin should be protected from UV radiation and sunlight.

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

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

2.6 Required qualification

The tattooing machine must only be used by those 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 the chapter Important health and safety precautions)
- Knowledge of the impact of tattoo ink below the skin
- Knowledge of the risks and side-effects (see chapters 2.4 on page 29 and 2.5 on page 29).

2.7 Intended Use

The SOL Terra and SOL Luna are professional tattooing machines for the application of tattoos to the human skin in dry, clean and smoke-free environments, and under hygienic conditions. The tattooing machines must be prepared, used and maintained in the manner described in this operating manual.




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 this operating manual, in particular the chapter 2 on page 28.

Unintended use is defined as using the tattooing machine or its accessories in a way not described in this operating manual, or failing to comply with their 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 machine, its accessories or packaging:

Symbol	Meaning
	Refer to operating manual!
	Manufacturer
	Date of manufacture

	Catalogue number
	Serial number
	lot code
	Sterilized with ethylene oxide
	Use-by date
	Attention
	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 Terra or SOL Luna
- 1 Handpiece cable
- 1 Cable adapter (6.3 mm jack to 3.5 mm socket)
- 1 Instruction for use

4 Product information

The Cheyenne SOL Terra and SOL Luna as high-performance devices are much quieter and vibrates less than conventional tattooing machines. They have 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

Stroke	SOL Terra : 4.0 mm SOL Luna: 2.5 mm
Needle protrusion depth	0 to 4.0 mm
Electrical connection	3.5 mm jack
Drive	Brushless DC motor
Operating mode	Continuous operation
Dimensions (including handle)	approx. 115 x 36 x 57 mm
Weight without handle	Approx. 85 g
Emission sound pressure level	max. 70 dB (A)
Vibration total value	max. 2.5 m/s ²

4.2 Operating conditions

Ambient temperature	+10°C to +35°C +50°F to +95°F
Relative humidity	30% to 75% non-condensing

4.3 Accessories

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

- Cheyenne Safety cartridges
- Cheyenne Power units
- Cheyenne Foot switch
- Cheyenne Handles
- Cable adapter

Protective sleeves must have a diameter of ca. 45 mm (1,8 inch). This corresponds to a sleeve width of ca. 75 mm (3 inch).

5 Preparing the tattooing machine for use

NOTICE

Damage from condensate

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

- ▶ Ensure that the machine 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 device at ambient temperatures of +10 to +35°C.

5.1 Disinfecting equipment

NOTICE

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.

NOTICE

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 the chapter 7.1 on page 39.

- ▶ Switch off the power supply to the machine.

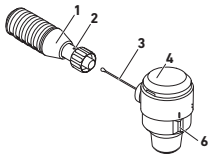
- ▶ Check if the machine has become heavily contaminated by the return flow of inks or bodily fluids. In such cases, perform the steps described in the chapter 7.3 on page 40.
- ▶ Wipe down the handpiece cables, the drive and the handle with a soft cloth moistened with disinfectant.

5.2 Assembling and disassembling the handle and drive

Handles are available in different diameters. The assembly procedure is the same for each.

For assembly:

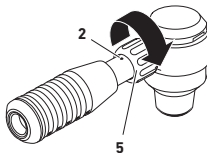
- ▶ Insert the piston (3) in the handle (1).



- ▶ Adjust the angle between the drive (4) and index (2) so that the machine is comfortable in your hand later.

The index marks the position of where the upper and lower part of the safety cartridge will be.

- ▶ Tighten the fixing nut (5) to the mechanical stop without changing the adjusted angle.



- ▶ Ensure that the index (2) does not turn while you turn the handle. Tighten the fixing nut as necessary.

For disassembly:

- ▶ Unscrew the fixing nut.
- ▶ Remove the handle from the drive. The piston comes out of the handle.

5.3 Replacing the safety cartridge



WARNING

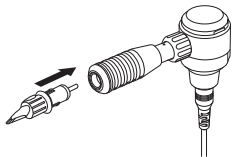
Risk of injury from needles

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

- ▶ Always use original Cheyenne safety cartridges for the tattooing machine. 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 or the bayonet connector.
- ▶ Switch off the tattooing machine 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.

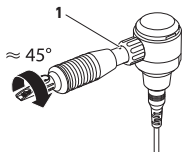
- ▶ Dispose of used safety cartridges that are no longer required for the current application (see chapter 9 on page 41).
- ▶ The safety cartridges are supplied in sterile packaging. Do not remove them from their packaging until immediately before you intend to use them.
- ▶ Always place the tattooing machine down so that the safety cartridge is not on it.
- ▶ Seek medical attention if injured by a contaminated needle.

- ▶ Switch off the power supply to the machine.
- ▶ 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, the multiple locating points will engage audibly until the safety cartridge is firmly locked into position.
- ▶ The index (1) marks the position of the upper or lower part of the safety cartridge.



- ▶ Check that the safety cartridge is firmly seated.
- ▶ To remove the safety cartridge, turn it anti-clockwise and remove it from the handle.

5.4 Connecting the power unit

⚠ CAUTION

Risk of short-circuit

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

- ▶ Perform a visual inspection of the tattooing machine and the cable for signs of damage, e.g. a defective cable connection.
- ▶ Never bend the handpiece cable while in operation.
- ▶ Observe the operating manual for the particular power unit.

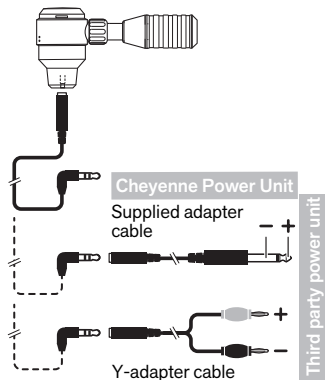
⚠ CAUTION

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 machine:



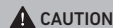
1. Connecting it to a Cheyenne power unit with the handiece cable provided in the scope of delivery (recommended).
2. Connection to a third-party power unit with the 6.3 mm jack and the cable adapter supplied. The external power unit must deliver ap-

prox. 5 to 12.6 V DC direct current and the required start-up current indicated in chapter 4.1 on page 31. If more than about 12.6 V is connected to the machine, 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 handiece cable from the scope of supply to the connection on the drive unit of the machine.
 - ▶ Plug the jack of the handiece cable fully into the output socket on the power unit. If you are using the third party power unit, connect 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 protective film.

5.5 Fitting the protective sleeve



Infection from contaminated protective sleeve

Failure to replace the protective sleeve for the handle can lead to a transmission of illnesses.

- ▶ Use a new protective sleeve for the handle for each customer.

NOTICE

Damage to drive caused by fluid

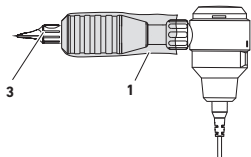
If fluid gets inside the drive or on the connection, this can corrode the electrical and mechanical components.

- ▶ Always use one protective sleeve (1) for the handle and a second protective sleeve (2) for the drive and connection cable as described below.

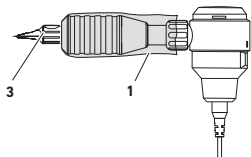


In order to fit the protective sleeve (1) over the handle:

- ▶ If already inserted: Remove the safety cartridge from the handle (see chapter 5.3 on page 33).
- ▶ Slide the protective sleeve (1) completely over the connecting cable.



- ▶ Insert the safety cartridge (3) through the hole of the protective sleeve into the handle (see chapter 5.3 on page 33)

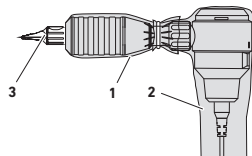


The safety cartridge fixes the protective sleeve (1) and simultaneously seals the opening.

Fit the protective sleeve (2) on the handpiece cable and drive:

- ▶ If already inserted: Remove the handpiece cable from your tattooing machine.

- ▶ Cut off a section of protective sleeve of an appropriate length.
- ▶ Slide the section of protective sleeve completely over the handpiece cable.
- ▶ Connect the handpiece cable (see chapter 5.4 on page 34).
- ▶ Pull the end of the protective sleeve (2) completely over your tattooing machine.



- ▶ Ensure that the two protective sleeves overlap. For instance, fix them with a rubber band or adhesive film.

5.6 Checking equipment

- ▶ Conduct a visual inspection of the equipment:
 - Are there any visible signs of external damage (e.g. bends in the handiece cable, a loosened cap, a bent piston)?
 - Are there any exposed cables?
 - Are the safety cartridge and the needles correctly aligned?
- ▶ Switch on the machine and conduct a noise test: Can you hear any unusual operating noises, or is the unit running loudly?
- ▶ If you detect anything unusual, refer to chapters 10 on page 41 and 11.1 on page 42.
- ▶ If the machine is no longer operating safely, take it out of service and consult your local specialist retailer.

6 Using the tattooing machine

6.1 Setting the needle protrusion depth



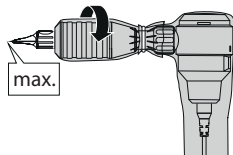
CAUTION

Risk of injury from excessive needle protrusion depth

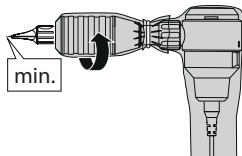
A large needle protrusion depth permits a deep piercing depth. If needle protrusion depth and piercing depth are excessive, this can damage the subcutaneous layer.

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

Turning clockwise increases the needle protrusion depth:



Turning counterclockwise reduces the needle protrusion depth:



The needle protrusion depth changes by 0.1 mm per detent.

- ▶ Ensure that the index does not turn while you turn the handle.

6.2 Setting the piercing frequency

⚠ CAUTION

Risk of injury due to high piercing frequency

If the piercing frequency is too high, the skin can be 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 depth and the individual piercing depth when working, as well as the operating speed.

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

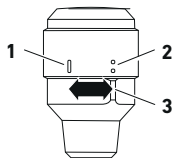
With a third-party power unit, the piercing frequency is set via the output voltage: the permitted voltage range of 5 to 12.6 V DC is approximately equal to a piercing frequency range of 25 to 150 needle insertions per second. 10 V equates to about 110 needle insertions

per second at idle speed. If the output voltage exceeds about 12.6 V, the machine switches off automatically.

6.3 Setting Steady Mode and Responsive Mode

You can switch between "Steady Mode" and "Responsive Mode" operating modes on the machine. The two operating modes differ by the motor control. In Responsive Mode, the motor reacts more sensitively to the resistance of the skin.

- ▶ Turn the "Mode Switch" (3) as illustrated so that it perceptibly engages at one of the two marks for "Steady Mode" (1) or "Responsive Mode" (2). In this process, the machine does not need to be switched off. The noise produced by the machine can vary slightly depending on the safety cartridge and the adjusted needle protrusion depth.



6.4 Loading with ink

- ▶ Immediately before use, dip the tip of the safety cartridge in the desired color 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 tattooing machine

CAUTION

Risk of short-circuit

If components of the tattooing machine 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 tattooing machine.

NOTICE

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 disinfectant.
- ▶ Never use an autoclave or an ultrasonic bath to clean the drive and the handpiece cable.
- ▶ Pay attention to compatibility of materials when selecting cleaning agents and disinfectants (see the chapter 7.1 on page 39).

7.1 Material compatibilities

- ▶ Wherever possible, use one of the following disinfectants:

Manufacturer	Product	Exposure time
Antiseptics	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 Liq-uid	1 to 2 mins

Based on the following material compatibilities, you can assess which other cleaning agents and disinfectants are suitable.

The anodized aluminum components and seals of the tattooing machine are **resistant** to:

- Weak acids (e.g. boric acid $\leq 10\%$, 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 anodized aluminum components and seals of the tattooing machine are **not resistant** to:

- Strong acids (e.g. hydrochloric acid $\geq 20\%$, sulphuric acid $\geq 50\%$, nitric acid $\geq 15\%$)
- Oxidizing acids (e.g. peracetic acid)
- Lyes (e.g. caustic soda, ammonia and all substances with a pH value > 7)
- Aromatic/halogenized fluorocarbons (e.g. phenol, chloroform)
- Acetone and benzene

7.2 Disinfecting surfaces

Before and after each usage:

- ▶ Disinfect all surfaces of the tattooing machine and its accessories as described in chapter 5.1 on page 32.

7.3 Cleaning surfaces

In the event of external contamination:

- ▶ Disassemble the handle and drive.
- ▶ Wipe the handle and drive – especially the piston – and the protective sleeve with a soft cloth moistened with a cleaning agent or a disinfectant.
- ▶ Clean inaccessible surfaces, e.g. the thread of the drive unit, with a soft-bristled nylon brush or a swab.
- ▶ Note that due to the matte surface, streaks of ink may occur on the tattooing machine.

7.4 Cleaning handle in an ultrasonic bath

If the handle is severely soiled:

- ▶ Use 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 Sterilizing handle in an autoclave

Whenever handle is contaminated:

- ▶ Perform all steps described in chapter 5.1 on page 32.
- ▶ 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.

8 Transport and storage conditions

NOTICE


Damage to product caused by dropping it

If the tattooing machine is dropped, its motor can be damaged.

- ▶ Always set the tattooing machine down carefully so that it cannot fall.
 - ▶ If the tattooing machine does fall, perform a visual inspection and a test for unusual noises.
 - ▶ Hand over the tattooing machine to a specialist retailer for inspection if it has visible signs of damage, if the operating noise level changes significantly or if it stops functioning normally.
-
- ▶ Always transport your tattooing machine and its accessories ensuring they are sufficiently padded. Leave the handle assembled to protect the piston during transport.
 - ▶ Always store your tattooing machine and accessories under the following conditions:

Ambient temperature	-40°C to +50°C -40°F to +122°F
Relative humidity	30% to 75%
Air pressure	200 hPa to 1060 hPa

9 Disposal of equipment

- ▶  Dispose of the machine and accessories bearing the following designation in accordance with the applicable regulations for used electronic equipment (WEEE Directive 2012/19/EU). If necessary, consult the specialist retailer or the responsible authorities to learn about applicable regulations for used electronic equipment.
- ▶ 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

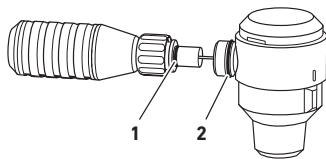
If there is radio interference:

- ▶ First of all, disconnect all components, e.g. the handle and handpiece cable, from the drive unit.
- ▶ Check all connections and reassemble the components.
- ▶ Check the functions of the machine again.

If the safety cartridge turns when turning the handle:

- ▶ Ensure that the fixing nut is tightened to the stop.
- ▶ Ensure that the small (1) and large (2) o-ring:
 - are undamaged
 - are free from grease

- are seated in their appropriated groove as shown below



If the O-rings are damaged, have them replaced by a specialist retailer.

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

- ▶ Let the machine 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.

11 Manufacturer declarations

11.1 Disclaimer of warranties

With the Cheyenne SOL Terra or SOL Luna you have purchased a high-quality brand product.

The reliability of this machine 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 indicated expiry date subject to sealed and undamaged packaging, and to compliance with transport and storage conditions. The "expiry date" is indicated on the module label. For complaints relating to safety cartridges, please advise us of the batch number printed on the label.

The warranty does not apply to the following damage:

- Accident, misuse, abuse or alteration
- Servicing by unauthorized persons
- Connection to inappropriate power sources
- Use with unauthorized accessories
- Use for anything other than indicated in this instruction for use
- Damage arising from fluids or dirt penetrating into the drive.
- Damage and secondary damage arising from dropping it or it falling

11.2 Declaration of Incorporation

Declaration of Incorporation according to Machinery Directive 2006/42/EC, Annex II 1B

Manufacturer:

MT.DERM GmbH
Gustav-Krone-Str. 3
14167 Berlin, Germany

Person responsible for compiling the relevant technical documentation:

Dr. Andreas Pachten Documentation Officer,
MT.DERM GmbH
Gustav-Krone-Str. 3
14167 Berlin, Germany

Product:

Tattooing device

Product name: Cheyenne SOL Terra

Article description: CB27X1, CB27X1A to CB27X1Z

Serial number: T00001 to T99999

Product name: Cheyenne SOL Luna

Article description: CB28X1, CB28X1A to CB28X1Z

Serial number: L00001 to L99999

The manufacturer declares that the products indicated above are incomplete machines within the meaning of the Machinery Directive. The products are 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 Machinery Directive.

Machinery 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 commission the products until, as applicable, it has been determined that the machine in which the aforementioned products are to be installed meets all fundamental requirements of the Machinery Directive.

This declaration is issued on behalf of the manufacturer by:

Berlin, dated 8/31/2018, Jörn Kluge



Signature of CEO or deputy

Original

11.3 Declaration of Conformity

The manufacturer

MT.DERM GmbH
Gustav-Krone-Str. 3
14167 Berlin, Germany

Person responsible for compiling the relevant technical documentation:

Dr. Andreas Pachten Documentation Officer,

hereby declares on their own responsibility that the following products:

Product:

Tattooing device

Product name: Cheyenne SOL Terra

Product name: Cheyenne SOL Luna

Article description: CB27X1, CB27X1A to CB27X1Z

Article description: CB28X1, CB28X1A to CB28X1Z

Serial number: T00001 to T99999

Serial number: L00001 to L99999

The provisions of the following directives:

EMC directive:

2014/30/EU

RoHS Directive:

2011/65/EU

The following harmonized standards were applied:

CISPR 14-2: 1997 / AMD1: 2001 / AMD2: 2008:

EMC test for household appliances, electrical tools and similar apparatus

CISPR 14-1: 2005 / AMD1: 2008 / AMD2: 2011:

EMC test for household appliances, electrical tools and similar apparatus

Preparation of instruction manual - structure, content and presentation

DIN EN 82079-1:2013-06

Preparation of instructions for use - Structuring, content and presentation - Part 1: General principles and detailed requirements

This declaration is issued on behalf of the manufacturer by:

Berlin, dated 8/31/2018, Jörn Kluge



Signature of CEO or deputy

Original

