



*CHEYENNE*<sup>®</sup>

**HAWK**

**HAWK SPIRIT**

**HAWK THUNDER**

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

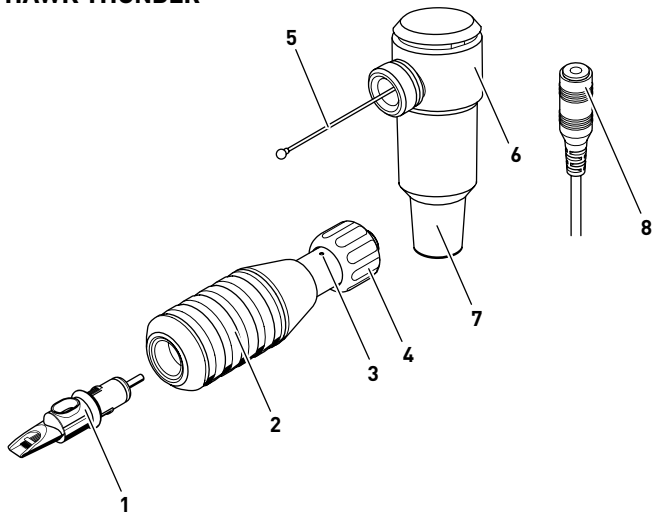
инструкции

说明

**HAWK**

**HAWK SPIRIT**

**HAWK THUNDER**

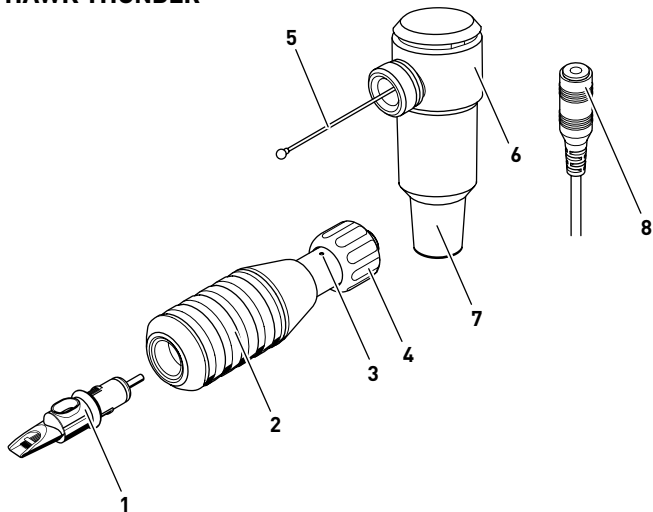


	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>DE</b>	Tattoo-Modul	Griffstück	Index	Fixiermutter
<b>EN</b>	Safety cartridge	Handle	Index	Fixing nut
<b>NL</b>	Veiligheidspatroom	Grip	Index	Sluitmoer
<b>FR</b>	Cartouche de sécurité	Grip	Index	Écrou de fixation
<b>IT</b>	Cartuccia di sicurezza	Impugnatura	Indice	Dado di fissaggio
<b>ES</b>	Cartucho de seguridad	Mango	Índice	Tuerca de fijación
<b>PT</b>	Cartucho de segurança	Pega	Índice	Porca de fixação
<b>EL</b>	Safety cartridge	Λαβή	Ευρετήριο	Παξιμάδι στερέωσης
<b>DA</b>	Sikkerhedspatron	Gribestykke	Indeks	Fikseringsmøtrik
<b>SV</b>	Säkerhetspatron	Grepp	Register	Fixermutter
<b>FI</b>	Turvapatruuna	Kahvaosa	Osoitin	Kiinnitysmutteri
<b>PL</b>	Kartridż bezpieczeństwa	Uchwyt	Indeks	Nakrętka mocująca
<b>CS</b>	Bezpečnostní kartuše	Rukojeť	Rejstřík	Fixační matice
<b>SL</b>	Varnostna kartuša	Ročaj	Indeks	Pritrdilna matica
<b>HU</b>	Biztonsági patron	Markolat	Tárgymutató	Rögzítőanya
<b>RU</b>	Безопасный картридж	Держатель	Указатель	Фиксирующая гайка
<b>ZH</b>	安全针筒	手柄	索引	定位螺母

**HAWK**

**HAWK SPIRIT**

**HAWK THUNDER**



Translation  
of the original-  
operating  
instructions.  
The original  
operating  
instructions were  
written in  
German.

## Operating instructions

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## 1 About these operating instructions

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These operating instructions apply to the Cheyenne HAWK, HAWK SPIRIT and HAWK THUNDER tattooing machines and their 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 tattooing machines and their accessories. Note the following additional documents:

- Operating instructions for the Cheyenne Power Unit and optional 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> Consequences ► Remedy	
<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

Signal word	Meaning
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 risks to the environment, property or the tattooing equipment if this hazard is not avoided.

## 1.2 Symbols used in these operating instructions

Symbol	Meaning
▶	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, sterilizes, stores or transports the your tattooing machine.
- ▶ When transferring your tattooing machine 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.
- ▶ Only use your tattooing machine, its accessories and the power unit as well as all connecting cables when they are in perfect working order.
- ▶ Only use genuine safety cartridges, accessories and spare parts from Cheyenne.

## **2.2 Product-dependent safety information**

- ▶ Never modify your tattooing machine, 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 sleeve (see chapter 5.3 on page 41). Also protect the power unit with a film.
- ▶ If you are not using your tattooing machine, switch it off and place it in a location so that it cannot fall down.
- ▶ Observe the technical data (chapter 4.1 on page 38) and observe the operating conditions (chapter 4.1 on page 38) and transport and storage conditions (chapter 8 on page 49).
- ▶ Hand over your tattooing 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 customer or to the tattoo artist:

- ▶ Before use, follow the steps required to disinfect the equipment (see chapter 5.1 on page 39).
- ▶ 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 your tattooing machine 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 tattooing machine" (see 7 on page 46).
- Treatment of areas of skin with dermatitis complaints (e.g. skin tumors, celoids or extreme celoid tendency, solar ceratosis, warts or moles)
  - Feverish infections and infectious diseases such as hepatitis conditions of types A, B, C, D, E or F or HIV
  - Immune system diseases
  - Epilepsy
  - Acute cardio-vascular problems
  - Under the influence of alcohol or drugs

In the following cases, tattooing **cannot be performed until such time as normal health** is restored:

## 2.4 Contra-indications

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

- Haemophilia/blood vessel conditions
- Uncontrolled diabetes mellitus
- Acute dosages of anticoagulants (e.g. Warfarin, Heparin, Phenprocoumon or Salicylic acid)
- Acute chemotherapy, radiotherapy or high-dosage corticosteroid therapy
- Systemic infections or acute local skin infections (e.g. with the herpes virus)
- Allergy to topical anesthetics (local anesthesia)
- Pregnancy and breast-feeding

**Temporary locally restricted** contra- indications exist in the following cases:

- Eczema, exanthema or open wounds
- Acute conjunctivitis
- Scars less than six months old
- Areas of skin after plastic surgery treatment less than twelve months previously
- Areas of skin after filler injections less than six months previously

If there is the slightest doubt about customer safety, do not commence treatment or terminate treatment immediately and seek medical attention.

The treatment must be terminated immediately in the event of:

- Excessive sensations of pain
- Excessive release of fluids from the wound
- Fainting / dizziness

## **2.5 Side-effects**

In a few cases, the tattooing process may result in minor side effects.

- ▶ Inform the customer about all risks and about the side-effects described below.

### **Frequent:**

- Pain on the day after tattooing
- Inflammation reactions, haematomas, erythema and oedema in the first three to five days after tattooing
- Skin irritations (e.g. itching or heating), which normally wear off during the first 12 to 48 hours after tattooing

### **Rare:**

- Hyper-pigmentation with body's own pigments, in particular on dark skin types, but that disappear completely a few weeks later
- Formation of scabs, small pimples or skin eruptions if skin is not cleaned carefully after tattooing

- Retinoid reaction (slight irritation up to peeling of skin)
- Possible heating of the tattooed area when exposed to PET and MRT radiation
- Contact allergy to ink pigments or allergic reactions to other components of the aseptic ink

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

- Ink shade differences
- Pigment loss

**2.6 Required qualification**

The tattooing machine must 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 chapter 2.3 on page 33)
- Knowledge of the impact of tattoo ink below the skin
- Knowledge of the risks and side-effects (see chapters “2.4 Contra-indications” on page 34 and “2.5 Side-effects” on page 35).

**2.7 Intended use**













The tattooing machines are professional tattooing machines for the application of tattoos to the human skin in dry, clean and smoke-free environments, and under hygienic conditions. They must be prepared, used and maintained in the manner described in these operating instructions. In particular, the applicable provisions for workplace layout and hygiene must be observed, and all safety cartridges used must be sterile.





Intended use also includes thoroughly reading and understanding these operating instructions, in particular the chapter “2 Important safety notices”.

Unintended use is defined as using the tattooing machines or their accessories in a way not described in these operating instructions, 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 packaging

The following symbols are found on the tattooing machine and accessory packages:

Symbol	Meaning
	Observe operating instructions!
	Manufacturer
	Date of manufacture
	Catalogue number
	Serial number
	Batch code
	Sterilized with ethylene oxide
	Use-by date
	Attention!
	Temperature limit
	Humidity limit
	Store in a dry place

Symbol	Meaning
	Fragile
	Cannot be use if packaging is damaged
	Do not reuse!
	Dispose of properly as used electronic equipment!

## 3 Scope of delivery

See insert.

## 4 Product information about the tattooing machine

The tattooing machines are high-performance devices. They have a significantly higher piercing force and piercing frequency than conventional tools. Despite this added performance, they are considerably quieter with less vibration.

The HAWK is especially well-suited for soft shading and black and gray work. The HAWK SPIRIT is an all-around tattooing machine with a shorter needle

stroke. It is especially well-suited for filling and shadowing. The HAWK THUNDER has a longer needle stroke is especially well-suited for lines and contours.

#### 4.1 Technical data

	HAWK	SPIRIT	THUNDER
Nominal voltage	6 to 12.5 V DC		
Power intake	2.5 W (max. 5 W)		
Starting current for max. 30 ms	1.3 A	1.9 A	2.5 A
Piercing frequency	60 to 160 Hz		
Stroke	2.5 mm	4 mm	
Needle protrusion	0 to 4 mm		
Electrical connection	3.5 mm jack		
Drive	Precision motor – DC		
Operating mode	Continuous operation		
Dimensions including handle	Approx. 110 x 57 x 28 mm		

Weight including handle

Approx. 130 g

Emission sound pressure level

≤ 70 dB(A)

Vibration total value

≤ 2.5 m/s<sup>2</sup>

#### 4.2 Operating conditions

Ambient temperature

+10 to +35°C  
+50 to +95 °F

Relative humidity

30 to 75%

Air pressure

700 to 1070 hPa

#### 4.3 Accessories

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

- Cheyenne handles
- Cheyenne safety cartridges
- Cheyenne Power Units
- Cheyenne foot switch
- Cable adapters
- Protective sleeves for the handle
- Protective sleeves for the drive and connection cable

## 5 Preparing the tattooing machine for use

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### ATTENTION

#### Damage from condensate

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

- ▶ Ensure that your tattooing 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 your tattooing machine 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 "7.1 Material compatibilities" on page 47.
- ▶ Switch off the power supply to your tattooing machine.

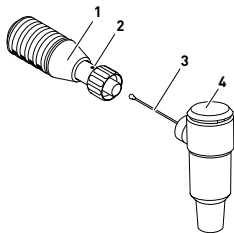
- ▶ Check if your tattooing machine has become heavily contaminated by the return flow of inks or bodily fluids. In such cases, perform the steps described in the chapter “7 Cleaning and maintaining the tattooing machine” on page 46.
- ▶ Wipe down the connecting cables, the drive and the handle with a soft cloth moistened with disinfectant.

## 5.2 Assembling and disassembling the handle and drive

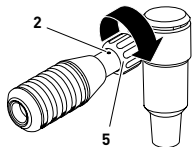
Handles are available in different diameters. The assembly procedure is the same for each.

For assembly:

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



- ▶ Adjust the angle between the drive (4) and index (2) so that your tattooing machine is comfortable in your hand. The index marks the position of the upper and lower part of the safety cartridge.
- ▶ 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 Fitting the protective sleeve

#### CAUTION

#### 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.

#### ATTENTION

#### Damage to drive caused by fluid

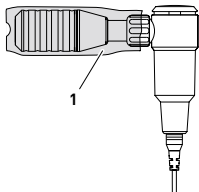
If fluid gets inside the drive or on the connection, this can corrode the electrical and mechanical components.

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

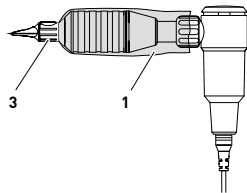


In order to fit the protective sleeve (1) on the handle:

- ▶ If already inserted: Remove the safety cartridge from the handle (see chapter "5.5 Replacing the safety cartridge" on page 43).
- ▶ Slide the protective sleeve (1) completely over the connecting cable.



- ▶ Insert the safety cartridge (3) through the hole of the protective sleeve (1) into the handle (see chapter "5.5 Replacing the safety cartridge" on page 43).

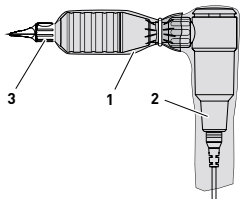




The safety cartridge fixes the protective sleeve (1) and simultaneously seals the opening.

In order to fit the protective sleeve (2) on the connection cable and drive:

- ▶ If already inserted: Remove the connecting cable from the tattooing machine.
- ▶ Cut off a section of protective sleeve of an appropriate length.
- ▶ Slide this section of protective sleeve completely over the connecting cable.
- ▶ Connect the connection cable (see the next chapter).
- ▶ Pull the end of the protective hose (2) completely over your tattooing machine.



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

## 5.4 Connecting the power unit

### **⚠ CAUTION**

#### **Risk of short circuits and risk of mild electric shocks**

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

- ▶ Perform a visual inspection of your tattooing machine 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.

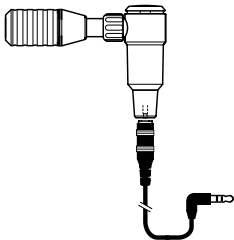
### **⚠ CAUTION**

#### **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.

- ▶ Connect the connecting cable supplied in the scope of delivery to a Cheyenne Power Unit to supply your tattooing machine with power.



- ▶ Cover the power unit or the third party power unit with a protective film.

## 5.5 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.

- ▶ Only use original Cheyenne safety cartridges. The installed safety membrane on these safety cartridges prevents the ingress of ink into the drive, and also prevents pathogens from entering the appliance through the safety cartridge.
- ▶ Never hold the safety cartridge by its tip or the bayonet connector.
- ▶ Switch off your 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 by hand.
- ▶ 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 Disposal of equipment" on page 49).

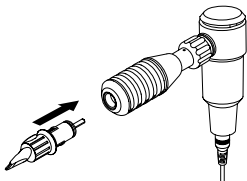
▶ The safety cartridges are supplied in sterile packaging. Do not remove them from their packaging until immediately before you intend to use them.

▶ Always place your 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 tattooing machine.

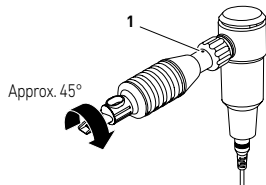
▶ Insert the safety cartridge in the opening in the handle, as illustrated below.



The safety cartridge only fits in the opening in two directions.

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

The index (1) marks the position of the upper (2) 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.

## 5.6 Checking equipment

▶ Conduct a visual inspection of the equipment:

- Are there any visible signs of external damage (e.g. bends in the connecting cable or bent piston)?
- Are there any exposed cables?
- Are the safety cartridge and the needles correctly aligned?

▶ Switch on your tattooing 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 For questions or problems” and “11.1 Warranty declaration” on page 50.
- ▶ If your tattooing 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

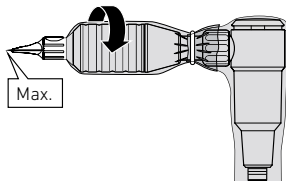
#### **⚠ CAUTION**

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

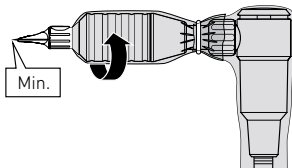
A large needle protrusion permits a deep piercing depth. If needle protrusion and piercing depth are excessive, this can damage the subcutaneous layer.

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

clockwise increases the protrusion of the needle:



Turning counterclockwise reduces the protrusion of the needle:



The needle protrusion changes by approx. 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 supply of the Cheyenne power unit.
- ▶ Set an appropriate piercing frequency.  
The piercing frequency can be adjusted in 10 increments using the arrow keys. The piercing frequency must suit the characteristics of the customer's skin, the needle protrusion and piercing depth when working, as well as the operating speed.

## 6.3 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. Never fill in too much ink so that it is not ejected through the opening.

## 7 Cleaning and maintaining the tattooing machine

### CAUTION

#### **Risk of short circuits and risk of mild electric shocks**

If components of the tattooing machine are dismantled and cleaned while still powered, there is a risk of mild electric shock and damage to the electronics in the drive unit.

- ▶ Switch off the voltage supply to the tattooing machine before you begin with cleaning and maintenance work.

## 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 chapter "7.1 Material compatibilities").

## 7.1 Material compatibilities

- ▶ Wherever possible, use one of the following disinfectants

Manufacturer	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

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

- ▶ However, check the material compatibility in an inconspicuous location.

The anodized aluminum components of the tattooing machine 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 sulfate)

The anodized aluminum components of the tattooing machine are **not resistant** to:

- Strong acids (e.g. hydrochloric acid, sulfuric acid, nitric acid)
- 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) as well as
- 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 Disinfecting equipment” on page 39.

## **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 long protective sleeve with a soft cloth moistened with a cleaning agent or a disinfectant.
- ▶ Clean inaccessible surfaces, e.g.the thread of the handle and drive unit, with a soft-bristled nylon brush or cotton 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 Disinfecting equipment” on page 39.
- ▶ 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

### ATTENTION

#### Damage to product caused by dropping it

If your tattooing machine is dropped, the motor or cable connection can be damaged and the piston can be bent.

- ▶ Always place your tattooing machine down so that it cannot fall.
- ▶ If your tattooing machine falls once, perform a visual inspection and conduct a noise test.
- ▶ Hand over your tattooing machine to a specialist retailer for inspection if it has visible signs of damage, if the operating noise level changes or if it stops functioning normally.
- ▶ Always transport your tattooing machine and its accessories in their original packaging. Use either the supplied foam block to protect the piston or leave the handle assembled during transport.

- ▶ Always store your tattooing machine and accessories under the following conditions:

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

## 9 Disposal of equipment

- ▶ Dispose of your tattooing machine 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 or municipality.



## 10 For questions or problems

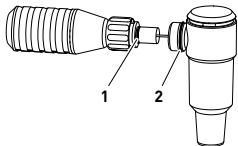
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If there is radio interference:

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

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

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### 11.1 Warranty declaration

With the Cheyenne HAWK, the HAWK SPIRIT or the HAWK THUNDER, 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 acc. with:

- DIN EN ISO 9001:2008 (quality management system for quality assurance)
- DIN EN ISO 13485:2012 (quality management system for medical products)

For this product, the statutory warranty period of 2 years applies to radio interference problems resulting from defects in material and workmanship.

For the safety cartridges, we guarantee sterility for 5 years subject to sealed and undamaged packaging, and to compliance with transport and storage conditions. 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 secondary damage arising from dropping it or it falling

## 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, authorized representative for CE and documentation, MT.DERM GmbH Gustav-Krone-Str. 3 D-14167 Berlin
Product:	Product name: Cheyenne HAWK Article numbers: CB25, CB26
	Product name: Cheyenne HAWK SPIRIT Article numbers: CB225X1, CB225X10, CB225X1P, CB225X1R, CB225X1S CB-2.25, CB-2.25-A, CB-2.25-O, CB-2.25-O-A, CB-2.25-R, CB-2.25-R-A, CB-2.25-S, CB-2.25-S-A, CB-2.25-P CBR-2.25, CBR-2.25-O, CBR-2.25-R, CBR-2.25-S, CBR-2.25-P
	Product name: Cheyenne HAWK THUNDER Article numbers: CB231X1, CB231X10, CB231X1P, CB231X1R, CB231X1S CB-2.31, CB-2.31-A, CB-2.31-R, B-2.31-R-A, CB-2.31-O, CB-2.31-O-A, CB-2.31-S, CB-2.31-S-A, CB-2.31-P, CB-2.31-P-A CBR-2.31, CBR-2.31-R, CBR-2.31-O, CBR-2.31-S, CBR-2.31-P
	Product name: Cheyenne HAWK GRIP Article numbers: CB-2.22, CB-2.22-A, CB-2.22-O, CB-2.22-O-A, CB-2.22-R, CB-2.22-R-A, CB-2.22-S, CB-2.22-S-A, CB-2.22-P, CB-2.22-P-A CBR-2.22, CBR-2.22-O, CBR-2.22-R, CBR-2.22-S, CBR-2.22-P CB-2.23, CB-2.23-A, CB-2.23-O, CB-2.23-O-A, CB-2.23-R, CB-2.23-R-A, CB-2.23-S, CB-2.23-S-A, CB-2.23-P, CB-2.23-P-A CBR-2.23, CBR-2.23-O, CBR-2.23-R, CBR-2.23-S, CBR-2.23-P

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 or incomplete machine and therefore does not meet all the requirements of the machine directive.

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 it has been determined that the machine in which the aforementioned product is to be installed meets all fundamental requirements of the machine directive.

The aforementioned product meets the requirements of the following relevant directives:

- EMC Directive 2014/30/EU
- Machinery Directive 2006/42/EC
- RoHS Directive 2011/65/EU

Berlin, 10/1/2017

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Jörn Kluge, CEO, MT.DERM GmbH