



CE

Operating instructions

Translation of the original operating instructions

ELEMENTS by Ergoline

1033662-00A / en / 09.2025

Ergoline

Legal notice



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DANGER!



Failure to observe these operating instructions:

- may result in serious injury and death,
- can result in damage to the unit and to the environment.
- Read these instructions carefully before putting this unit into operation.
- Please observe the instructions and the code of conduct required to operate the unit safely.
- Please make the operating instructions and additional information from the manufacturer available to the personnel at their workplace.
- Should you sell this unit or give it to another party, please make sure that you provide them with these operating instructions.

Copyright

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The contents may not be partially or completely duplicated, distributed or utilized for competitive purposes without authorization or disclosed to other parties.

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1 Safety instructions and warnings



To ensure safe operation of the device, it is necessary to read the following safety instructions and warnings carefully and comply with them.

These instructions should be retained for future use.

The safety instructions summarized here are repeated in the corresponding chapters, where necessary.

1.1 General

1.1.1 Definitions

Operator

Person who provides the devices described here to users on a commercial basis. The operator is responsible for the correct operation of the device as well as compliance with the maintenance intervals.

User

A person who uses the device at a commercial location.

Personnel

People who are responsible for the operation, cleaning and general maintenance work and who instruct the users in the operation of the devices.

Electrician

A person with suitable professional training, knowledge, experience and knowledge of the applicable regulations which enable them to identify and avoid the dangers which can arise from working with electricity.

Authorized, trained and qualified personnel

Qualified staff from an external company who have been trained and authorized by the manufacturer to undertake assembly and maintenance work on specific equipment.

1.1.2 Symbol explanation

The following types of safety notices are employed in these operating instructions:



 DANGER!



Type and source of hazard

This safety notice indicates the existence of a direct danger to body and life.

 DANGER!



Type and source of hazard

This safety notice warns of dangers to body and life which are caused by electricity.

 WARNING!



Type and source of hazard

This safety notice warns of machine, material or environmental damage.

 WARNING!



Type and source of hazard

This safety notice warns of flammable substances.



NOTE:

This symbol does not identify any safety notices, but provides additional information to better understand the processes.



1.2 Proper use

This unit serves the purpose of cosmetic tanning for one adult person with skin suitable for tanning. More detailed information can also be found on pages 12 and 31.

This device is intended only for commercial use and not for private use.

Some people are not permitted to use the device, see page 9.

The device may not be used by people with reduced physical, sensory or mental capabilities or who have insufficient experience and/or knowledge without supervision. A person responsible for their safety must ensure, either by supervision or instruction, that the device is used correctly and safely. If there is any doubt, use of the device by such categories of persons is to be forbidden!

Any other use shall be considered improper. The manufacturer cannot be held liable for damage or injuries resulting from this. The operator bears the sole risk for this.

Proper use also includes compliance with the manufacturer's instructions and its operating and maintenance conditions. The unit may only be operated, maintained and repaired by trained professionals familiar with this unit and who have been informed of the dangers involved.

1.3 Foreseeable misuse

The following uses of the device are explicitly prohibited:

- The device may not be used by several people at the same time. The acrylic glass panel may otherwise break and cause injuries.
- People with a body weight of more than 135 kg may not use the device. The acrylic glass panel may otherwise break and cause injuries.
- Exceeding the specified tanning times may result in burns and long-term skin damage.
- When the device is in use no other people may remain in the cabin, in particular no children.
- While using the device no pets may be present in the cabin.
- People under 18 years of age may not use the device.

1.4 Tanning safety information

1.4.1 Prohibited usage



 DANGER!



UV radiation

Danger of skin and eye injuries or skin diseases!

– Please observe the following instructions.

The following people may not use the device:

- People under 18 years of age
- People who cannot tan
- People who cannot tan in the sun without risking a sunburn
- People who easily sunburn when in the sun
- People with acute sunburn
- People who repeatedly suffered from serious sunburn during childhood
- People with naturally red hair
- People with atypically discoloured areas of skin
- People who have or have had skin cancer
- People who suffer from an increased risk of skin cancer (e.g. cases of skin cancer in the family)
- People among whose closest relatives a melanoma has occurred
- People who are being medically treated for photosensitivity
- People taking photosensitivity causing medicine
- People with freckles and people who tend to develop freckles
- People with more than 16 moles on their body (2 mm diameter or larger)
- People with atypical moles (atypical moles are, for example, asymmetrical moles with a diameter greater than 5 mm, with varying pigmentation and irregular edges)
- Seek medical advice without fail if in doubt!



The following people may only use the device after consultation with their doctor:

- People with chronic illnesses, in particular those related to the skin
- People with illnesses of the immune system / auto-immune diseases
- People with collagenosis (e. g. lupus erythematoses, scleroderma)
- People suffering from rosacea (copper rose)
- People with spider veins (e. g. couperose, Osler's disease, spider nevi)
- People with low blood pressure, cardiovascular diseases
- People suffering from venous diseases
- People suffering from cancer
- People with fresh wounds following an operation or surgery
- People with tattoos or piercings which have not fully healed
- Pregnant women

Should there be any doubt with regard to compatibility, despite no known medical side effects, a test application of a maximum of 5 minutes should be initially carried out and the reactions observed. If no adverse reactions are found after 48 hours, normal application may be begun.

1.4.2 Important notes

All other people must observe the following instructions:

Danger of skin and eye injuries or skin diseases!

- The skin can become sunburnt when exposed to excessive radiation. Excessive, frequently repeated UV radiation exposure from natural sunlight or UV devices can result in premature ageing of the skin and an increased risk of skin tumours.
- Particular caution is advisable for individuals who are especially sensitive to UV radiation, and when certain medicaments or cosmetics are used. Seek medical advice without fail if in doubt!
- Seek medical advice if any unexpected consequences, such as itching, occur within 48 hours of the first tanning session.
- Increasing tanning requires increased exposure time (= radiation time) or after a certain degree of tanning has been achieved, increased tanning is not possible. However, the radiation time may not be extended as desired within the scope of the permissible radiation doses! Therefore, only a certain level of final tanning, which depends on the skin type, can be achieved without endangering your health.
- The tanning unit must never be used when the housing is broken or damaged, or the timer is defective!

Behaviour before, during and after a sunbath:

- During the tanning session no other people may remain in the cabin, in particular no children.
- Remove all jewellery (including piercings) before the tanning session.
- Remove cosmetics before tanning and do not use sun screen products.
- Do not use any products intended to accelerate tanning.
- UV light can cause irreversible skin or eye damage. The unprotected eye can become inflamed on the surface, and in certain cases the retina can be damaged by excessive radiation. Cataracts can form after numerous repeated tanning sessions. Use the UV-impermeable protective goggles provided (order no. 1027211-..). Contact lenses and sun glasses are no substitutes for protective glasses.
- Protect sensitive skin areas such as scars, tattoos and genitals before tanning.
- Observe the recommended tanning times.
- During a tanning session the quantity of radiation which results in the skin reddening (MED, minimum erythema dose) may not be exceeded. If reddened skin occurs around 16-24 hours after the tanning session you may not use the tanning device again for one week. After one week you can start again from the beginning with the first tanning session in accordance with the tanning table.
- The time between the first two sessions on the sunbed must be at least 48 hours! Do not take an additional sunbath on the same day.
- See a doctor if stubborn swelling, sores or pigmented moles form on the skin.





1.4.3 Skin type descriptions

 **DANGER!**



Burns and long-term damage!
 People with skin type I may not use the tanning device.
 The following applies to people with skin types II, III and IV:

- Observe the tanning times.
- Observe the safety instructions.



NOTE:
 The tanning sessions should be at least 48 hours apart.
 The maximum dosage of 25 kJ/m² per year should not be exceeded.
 The maximum dosage is weighted according to NMSC.¹

Skin type I	Skin type II	Skin type III	Skin type IV
			
Sensitive skin	Light skin	Normal skin	Dark skin
Always/frequently burns	Usually burns	Sometimes burns	Rarely burns
Tolerates only a small amount of natural sun.	Tolerates approx. 10-20 min. of natural sun.	Tolerates approx. 20-30 min. of natural sun.	Tolerates approx. 40 min. of natural sun.

¹ NMSC: Non Melanoma Skin Cancer

1.4.4 Tanning times EN



NOTICE:

People with skin type I should not use the device.

- Observe the tanning times



Observe the national requirements!

The tanning dosage of 3 kJ/m² per programme of tanning sessions should not be exceeded.

The maximum tanning time must not exceed 33.

The tanning sessions must be at least 48 hours apart.

The maximum tanning minutes per year should not exceed 833 minutes.

ELEMENTS by Ergoline:



- UV LED Board SPECTRA 1516479-..
- UV LED Board SPECTRA GB 1515629-..
- UV LED Board 1515606-..

Number of tanning sessions	Skin type I	Skin type II	Skin type III	Skin type IV
	[min]	[min]	[min]	[min]
1	–	5	5	5
2	–	11	11	11
3	–	13	13	13
4	–	13	13	13
5	–	16	16	16
6	–	16	16	16
7	–	20	20	20
8	–	22	22	22
9	–	25	25	25
10	–	25	25	25



NOTICE:

According to standard EN 60335-2-27:2013 the tanning table is not depending on skin types.

Identical tanning times are valid for all skin types, with the exception of skin type I.



1.5 Safety instructions and warnings

1.5.1 Operator's obligations

As the operator you are responsible for providing clear operating, cleaning and maintenance instructions and ensuring the intended use and the proper operation of the unit by means of training and instruction for the personnel.

Your operating instructions must enable the safe use and safe operation of the unit and take into account the characteristics and expertise of your company and also the national work safety and environmental protection regulations (within the European Union, the EU directive 89/391/EEC).

1.5.2 Personnel training

As the operator you are obliged to train your personnel and instruct them in the established legal and accident prevention regulations. Ensure that your personnel have understood and observe these operating instructions. This applies in particular to the

- information in 'Intended use' and 'Foreseeable misuse'
- safety instructions in the 'Operation' chapter
- operating instructions
- cleaning and maintenance instructions
- Please make the instructions and additional information from the manufacturer available to the personnel at their workplace.
- Regularly check your personnel's safety consciousness and awareness of the risks, taking into account your operating instructions.
- Please ensure that the cleaning intervals are complied with, in particular cleaning after every tanning session.
- Please ensure that your personnel provide your customers with appropriate advice, in particular regarding tanning times, possible risks and the operation of the device.
- People under 18 may not use the device. Please instruct your personnel to check the customer's identification in the event of doubt.

1.5.3 Scope of delivery

Information regarding the scope of delivery is contained in the 'Description' chapter on page 28.



1.5.4 Transport, assembly and setup

The device is delivered by a specialist company and assembled and set up by the manufacturer's own service personnel or by an authorized service company.

As an operator you are responsible for complying with the on-site ventilation and electrical requirements at the setup location, see page 15.

Assembly

DANGER!



Personal danger due to electric shock or burns!

- The assembly and electrical connection must comply with the national regulations.
- The on-site electrical installation must be fitted with an easily accessible all-pole isolating device (master switch), complying with overvoltage category III. This means that each pole must have a contact opening width complying with the conditions of overvoltage category III for full isolation.
- If the connection is established via a plug-in connection then the connection system according to EN 60309 must be utilized.
- Assembly, installation, upgrading or repair of the device may only be carried out by specially trained and authorized personnel.

Information regarding the disassembly and assembly of the device is available in the separate assembly instructions. These assembly instructions are intended solely for use by the manufacturer's service personnel or by qualified specialists authorized by the manufacturer.

Ventilation

WARNING!



Risk of overheating due to air flow problems!

Operating faults possible.

- Do not change, obstruct or block the air inflow and outflow area to the unit or make any unauthorized changes to the unit. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Observe the ventilation system data.
- Do not set up and operate the device on the transport pallet!

You can obtain data regarding the air supply and ventilation from the customer service department (see page 2).



Setup location

WARNING!



Salty air! Contaminated air!

Device damage due to corrosion of the housing and electrical components.

- Do not set up the unit at a swimming pool.
- Do not operate the device in locations with aggressive environmental conditions (e.g. air containing chlorine).

Damage to unit possible!

Where there are great differences in temperature between the transport route and the installation site the unit may not be put into operation immediately after being set up.

- Wait at least 2 hours before connecting the unit to the power supply.

Risk of overheating due to air flow problems!

Operating faults possible.

- Do not change, obstruct or block the air inflow and outflow area to the unit or make any unauthorized changes to the unit. The manufacturer shall bear no liability for damage or injuries resulting from such actions.
- Observe the ventilation system data.
- Do not set up and operate the device on the transport pallet!

Environmental conditions

Possible damage to the unit!

The unit is not to be used outdoors.

Keep the unit away from open flames or sources of ignition.

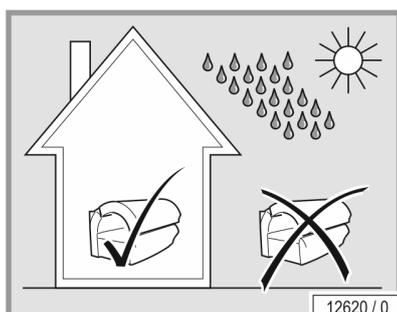
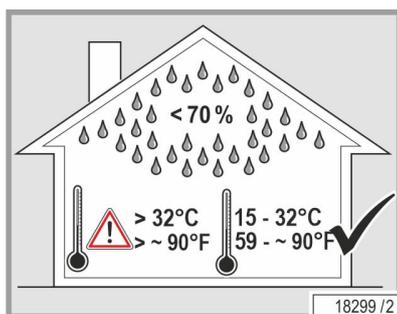
- Optimum ambient temperature: Between +15°C and +32°C
- Storage temperature: Between -15 °C and +60 °C

Adaptation of the unit is required for operating altitudes greater than 2000 m above sea level in order to guarantee trouble-free operation.

The device is not suitable for operation in mobile facilities (ships, buses, trains). Adaptation of the unit is required in order to guarantee trouble-free operation when used in mobile facilities.

The unit can be operated temporarily or continuously with a stand-alone or non-mains-synchronous power supply (e.g. microgrid or back-up system).

However, you must contact the customer service department before putting the unit into operation in this way – see page 2.



1.5.5 Commissioning

 DANGER!



Damaged mains power cable!

Danger to persons through electric shock or burns.

- Only the manufacturer or specialist companies are permitted to replace the mains power cable.

Initial commissioning will be undertaken by the manufacturer's own service personnel or by an authorized service company. The device will be handed over ready for use.

If the device has not been used for a longer period of time, then it must first be inspected by our customer service department or by another authorized company before being put back into operation again.

The device is operated with an external time-control unit.

A time control unit must be attached so that the device automatically switches off at the latest after <110 % of the selected running time even if the controller fails. The device running time must be secured with a timer control that complies with the standard EN 60335-2-27).

Dependent on the local power supply company, the devices can transmit interference to the power system of the building that impair the audio-frequency remote control system used by the power supply company. This can, for example, interfere with the function of night-storage heaters.

If faults occur due to the operation of the devices, then the operator is responsible for the installation of an audio frequency blocking device in the building electrical installation. Please contact your electrician. The electrician is familiar with the technical connection conditions of your local utility company so that the audio-frequency blocking device can be matched to the power system of your power supply company.

The unit can be operated temporarily or continuously with a stand-alone or non-mains-synchronous power supply (e.g. microgrid or back-up system). However, you must contact the customer service department before putting the unit into operation in this way – see page 2.



1.5.6 Operation and maintenance

Error-free operation, maintenance and service are required in order to ensure that the health and safety of the users is not endangered during operation and to ensure that the unit is in a fault-free operating condition.

Always abide by the information and recommendations given in this operating manual. Ensure that the intervals for the inspection, maintenance and service are complied with. Please ensure that the lamps are replaced after the specified usage time.

Unauthorised modifications and changes to the unit are prohibited. Failure to comply with this invalidates the operating licence!

To avoid hazards, the device must not be used if the mains power cable is damaged. A damaged mains power cable must be replaced by the manufacturer or their customer services, or by trained and qualified specialist personnel.



NOTE:

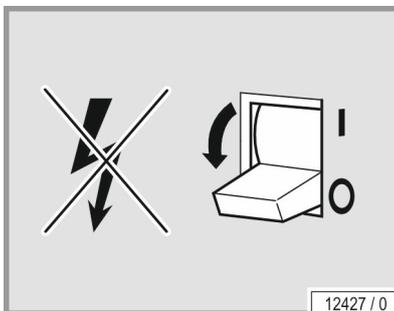
If a fire is suspected, immediately disconnect the power supply as long as this is safely possible.

Continue to observe all regulations required by law, public authorities and employer's liability insurance associations, which remain unaffected by the aforementioned instructions.

1.5.7 Decommissioning

The device must be disconnected from the power supply in order to temporarily or permanently decommission it.

You must abide by the legal disposal requirements when permanently decommissioning the device.



1.5.8 Storage

Store the devices in a dry location with a stable temperature. Once the device has cooled off, pack it in plastic wrapping to protect it against scratches.



- Storage temperature: Between -15 °C and +60 °C

! CAUTION!



Inflammable refrigerant in the air conditioning system!

Leaking refrigerant can lead to fires or explosions.

- Avoid sources of ignition! Fire, naked flames and smoking are prohibited.
- Only ever store in rooms without permanent sources of ignition, e.g. naked flames, functioning gas appliances or electric heaters.

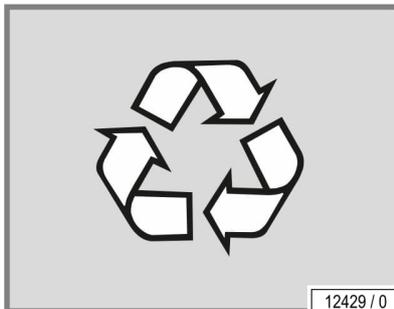
1.5.9 Disposal

Environmental regulations – disposal of batteries

Within the European Union the national implementation of the Waste Framework Directive 2018/851/EC applies. According to the national waste disposal laws and in accordance with the municipal waste regulations.

Packaging

All packaging consists of 100 % recyclable materials. Packaging brought into circulation by the JK Corporate Group that is no longer required can be returned to the JK Corporate Group. Your partner agency or dealer will be happy to advise.



12429 / 0

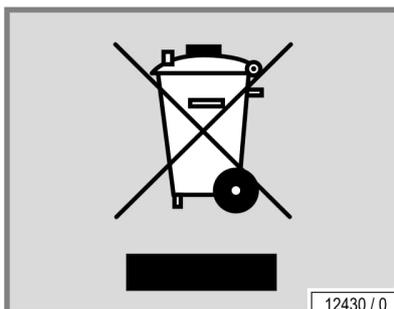
Disposal of old units

The unit has been manufactured using recyclable materials. The JK Corporate Group will provide you with information on the content or potential hazards of the materials used.

The manufacturer is obliged to take back and dispose of certain electrical and electronic components in accordance with the 2012/19/EC Directive.

The components and units are labelled with the following symbol:

The unit will, if requested, be properly disposed of by the JK Corporate Group. This service is available free of charge. Your partner agency or dealer will be happy to advise.



12430 / 0

Registration numbers

Companies within the JK Corporate Group are registered as manufacturers in Germany and assume all obligations in connection with the German Electrical and Electronic Equipment Act.

Registry number JK-Products GmbH (units):
WEEE-DE 62655951



1.5.10 Directives

See the included EC Declaration of Conformity.

1.5.11 Export

We emphasize that these units are only intended for the European market and must not be exported to or operated in other countries e.g. the USA or Canada! The manufacturer does not accept any liability in the event of non-observance! We explicitly emphasize that non-compliance may result in high liability risks for the exporter and/or the operator.



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1.5.12 Own music

If a private smartphone is used during a session, this is not classed as public playback under copyright law, meaning that the studio's operator is not subject to any reporting or payment obligations vis-a-vis the organisation responsible for granting commercial performance rights.

For the public use of music files, the same regulations apply as for other sources of music: As the owner/operator of the studio, you are only permitted to play original audio files on your premises and/or in the "MP3 music module" included in JK International GmbH units if you have acquired the performance rights required for this purpose. You can obtain these rights from the organisation responsible for granting commercial performance rights in your country (in Germany: GEMA/GVL).

Copyright-protected audio files and the tracks included on these sound storage media may not be converted into MP3 format and/or stored on HDDs, audio CDs, MCs, audio DVDs, etc., if the conversion/storage process uses software that invalidates or bypasses the copyright protection included on the sound or data storage media.

You must be ready at any time to prove your granting of stage rights by presentation of the appropriate stage rights certificate when requested by a representative or another controlling body of the responsible organisation.

Provided that you have complied with all the information above and acquired the rights required for using the "MP3 music module", you can also convert your original audio files into the MP3 format required for the playback device. However, only one copy (duplicate or copy converted into MP3 format) may be produced of each legally acquired audio file. The source media (original sound storage media) must be kept and may not be used simultaneously.



NOTE:

Recorded SD cards that are supplied with a JK audio system as accessories are also subject to payment for commercial use if they contain PRS for Music-liable content.

1.5.13 Technical modifications

The device has been constructed in accordance with the current state of the art and the applicable safety regulations. The illustrations and specifications in these operation instructions are subject to technical modifications which are required in order to improve the device.

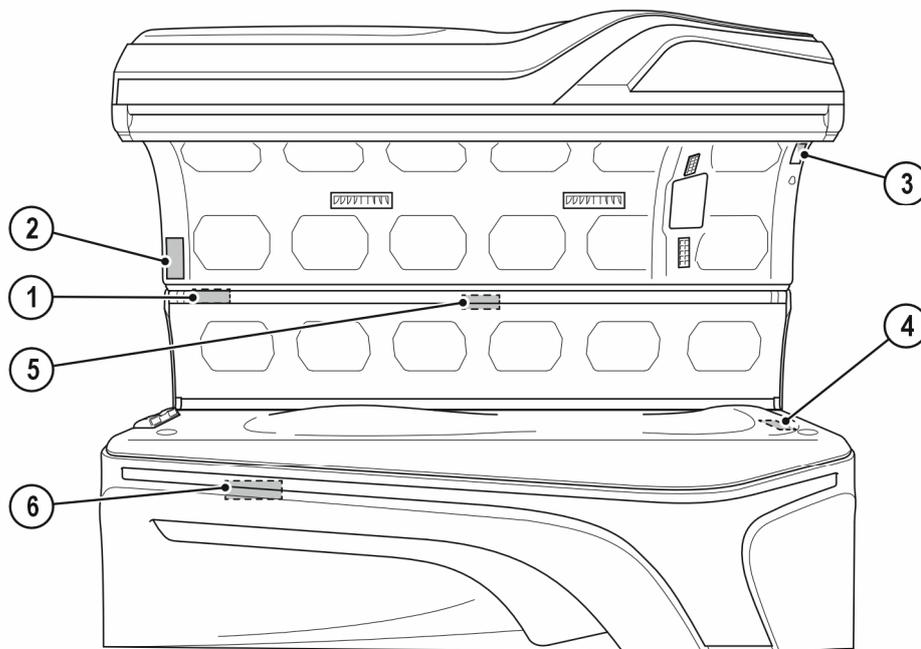
Unauthorized modifications and changes to the device and its control unit are prohibited. Failure to comply with this invalidates the EC conformity!

Please use only original spare parts. Failure to comply with this invalidates the EC conformity!

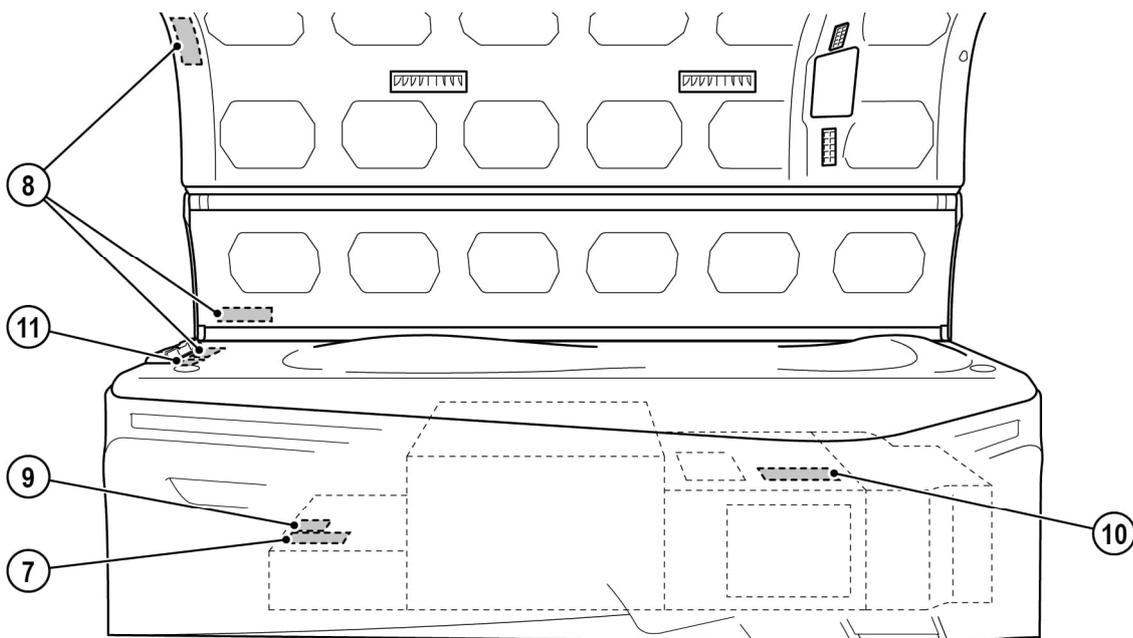


1.6 Signs and stickers on the unit

Danger area warning signs and important information about components are attached to the unit. The signs shown below are examples. Ensure that the warning signs are always clearly recognisable and legible. Any missing warning signs or stickers must be replaced.

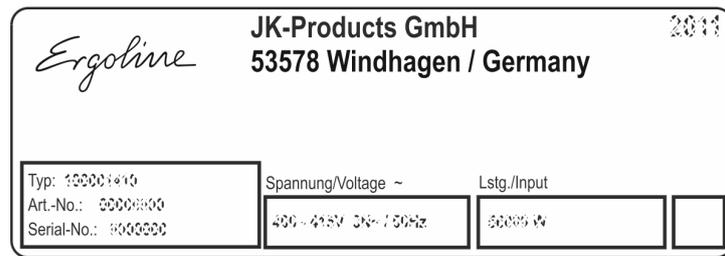


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21791 / 0

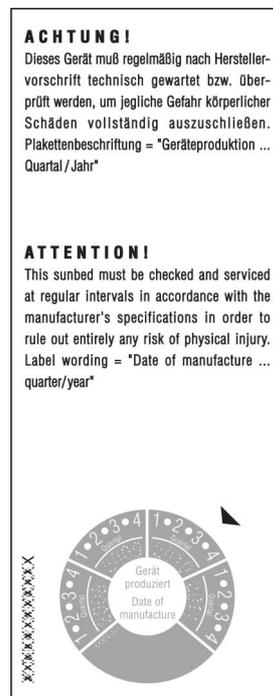
1: Type plate (example)



11991 / 2

The type plate is attached at the head end on the inner side panel. It contains important information for identifying the unit (e.g. the serial number).

2: Maintenance instruction sticker (800701-..)



12225 / 1

The sticker is mounted at the foot end on the inside of the canopy.

3: Emergency off sticker (1032984-..)



19329 / 0

The sticker is mounted at the head end on the inside of the canopy.

Language form 1032985-.. pertains to this sticker (see Technical Documentation folder).



4: SPECTRA EU warning sticker (1032905-..)

CE

WARNUNG :

Gebrauchsanweisung/ JK-Schutzhinweise aufmerksam lesen. • UV-Strahlung kann Augen- und Hautschäden, wie Hautalterung und möglicherweise Hautkrebs, hervorrufen. • Nicht in den Strahler blicken. • S C H U T Z B R I L L E T R A G E N . • Benutzung nur nach Befragung eines Arztes • Bestimmte Medikamente und Kosmetika können die Empfindlichkeit der Haut erhöhen.

WARNING :

Read operating instructions/ JK protection advice carefully. • Ultraviolet radiation may cause injury to eyes and skin, such as skin aging and eventually skin cancer. • Intensive light. Do not stare at the emitter. • WEAR THE PROTECTIVE GOGGLES PROVIDED. • Only to be used following medical advice • Certain medicines and cosmetics may increase the skin's sensitivity.

1032905-00-
21817 / 0

This sticker also includes the language form 1032906-.. (see accessories Technical Documentation).

5: 'Remove lattice' sticker (842971-..)

Gitter entfernen!
Nur bei Montage des Abluftstutzens!
Remove lattice!
Only when assembling the silencer!
Enlever la grille!
Uniquement en cas de montage du support d'échappement!

11978 / 0

The sticker is mounted at the top of the rear panel.

6: 'No export USA/Canada' sticker (84829-..)

HINWEIS	NOTE	REMARQUE
Wir weisen darauf hin, daß die Geräte nicht in die USA oder nach Kanada exportiert und dort betrieben werden dürfen. Bei Nichtbeachtung dieses Hinweises wird keine Haftung übernommen.	We emphasize that these devices must not be exported to or operated in the USA or Canada! The manufacturer does not accept any liability in case of non-observance of this notice!	Nous attirons votre attention sur le fait que les appareils ne doivent pas être exportés ni utilisés aux Etats-Unis ou au Canada! Nous ne pourrions nullement être tenus responsables de dommages si cette remarque n'est pas respectée!

11977 / 2

The sticker is mounted on the bottom edge at the front of the bed base.

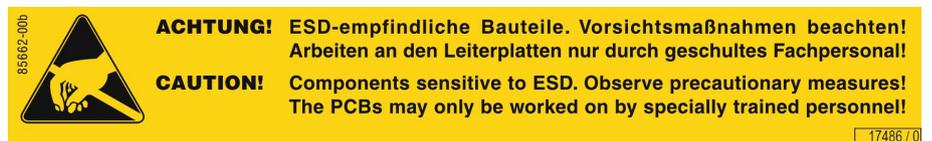
7: Control box warning sticker (1033325-..)



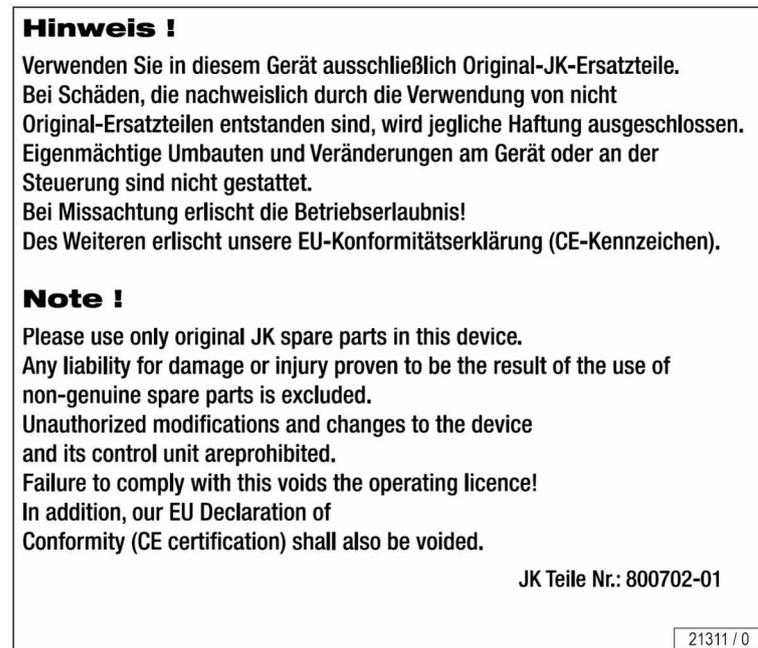
The sticker is located on the 'Part support control'.

8: ESD (Electrostatic discharge) - sensitive components sticker (85662-..)

This sticker is mounted in several places in the unit.



9: Note! Only genuine parts (800702-..)!



The sticker is located on the 'Part support control'.

1.7 Preclusion of damage



Insofar as the customer asserts any rights related to a defect in the unit based on the legal warranty and/or guarantee, the following shall apply:

The warranty and guarantee do not cover wear parts such as consumables (aroma) and acrylic glass panels.

Should the product contain faults, JK-International is entitled and obligated to repair or replace the product at its own discretion. Where it is not possible to repair or replace the product, the customer may withdraw from the purchase agreement or reduce the purchase price by a suitable amount.

The warranty period is two years from delivery or from acceptance, if an acceptance process is required. This does not affect the rights of the customer under the existing warranty with regard to any claims that the customer might have in accordance with the contract of purchase.

1.8 Exclusion of liability

Regardless of the legal grounds, liability of the JK Group shall be excluded if damage can be attributed to one or more of the following causes:

- improper use of the unit;
- improper assembly, commissioning, operation and maintenance of the unit;
- operating the unit with faulty safety equipment or improperly attached or non-functional safety and protective equipment including warning signs;
- not complying with the information in the operating instructions regarding transport, storage, setup, commissioning, operation and maintenance;
- the use of untrained personnel;
- unauthorized changes to the unit or the control unit;
- inadequate monitoring of parts subject to wear;
- repairs carried out improperly;
- the use of non-original spare parts;
- emergencies and disasters resulting from the influence of foreign materials or force majeure.

2 Description



2.1 Scope of delivery

- Tanning device
- LED SHOULDER TAN with sound system and wireless charging station
- Service kit: contains Allen key and tank hook
- Air conditioning system
- Connecting lead
- Protective goggles
- Mastercard NFC (studio operator)
- Technical documentation (operating instructions, error code brochures and PROFESSIONAL SETUP MANAGER PLUS and other documents)

2.1.1 Options

- REMOTE SERVICE
- Central exhaust air socket

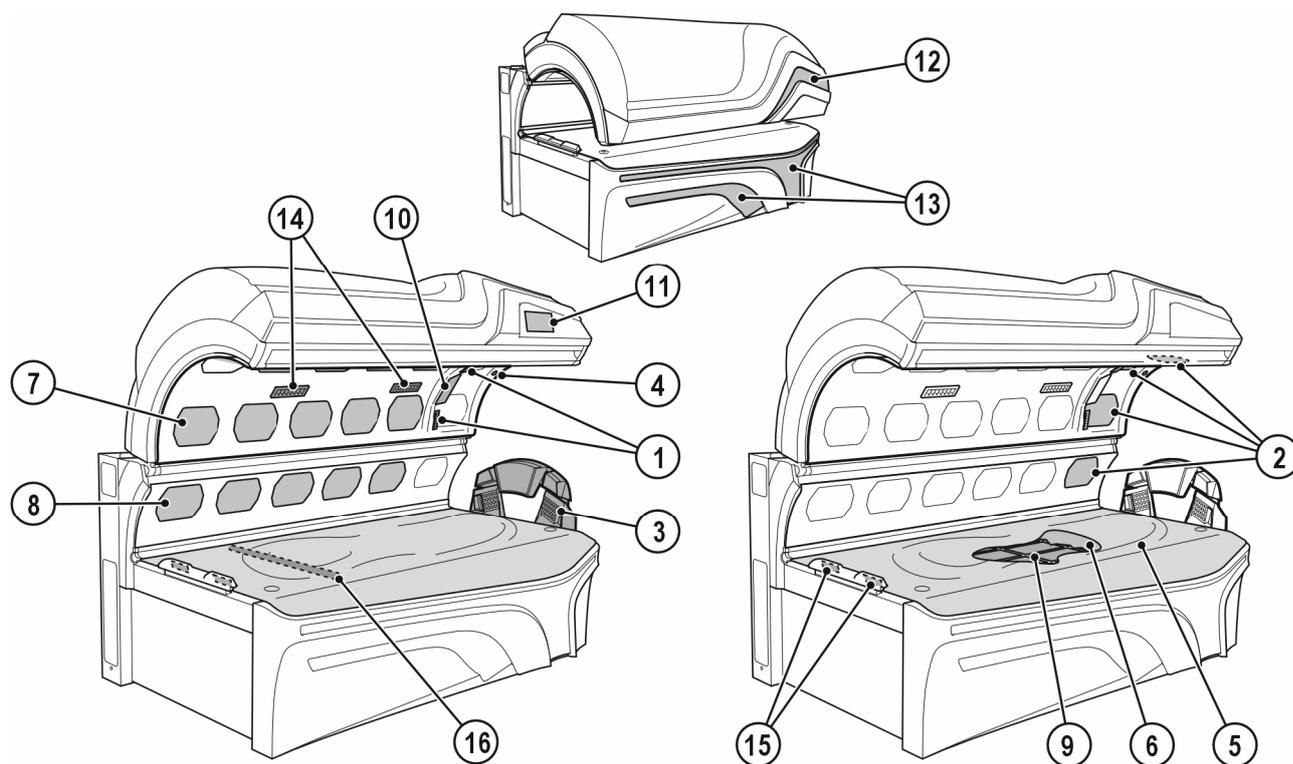
2.2 Equipment

Device equipment varies depending on the model.

In this description, all standard and optional components/functions are taken into account which must be observed during operation and/or when performing maintenance.

The control panel also differs according to the varying equipment: Only those buttons are illuminated from behind that can be operated, i.e. the corresponding function must be included in the device's equipment.

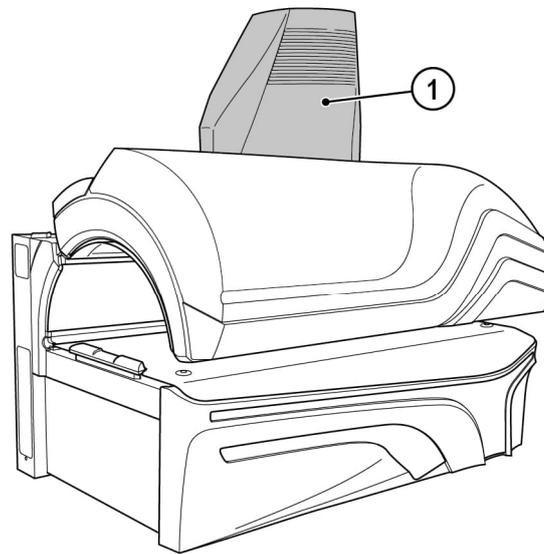
2.3 Unit description



1. Adjustable air nozzles – Facial cooling
2. SPECTRA LEDs, face
3. LED SHOULDER TAN with sound system, including Bluetooth® and wireless charging station for smartphones
4. EMERGENCY OFF button
5. Acrylic glass panel base
6. Partition
7. SPECTRA LEDs, canopy
8. SPECTRA LEDs, side section
9. SPECTRA LEDs, base
10. INTERIOR DISPLAY (TOUCH)
11. EXTERIOR DISPLAY (TOUCH) & NFC CONNECT
12. Light animation
13. Light animation
14. Body cooling air nozzles
15. Body cooling air nozzles at the foot end / AROMA
16. Service Light (only with opened bed base)



2.4 Accessories (optional)



21793/0

1. Central exhaust air socket (optional)

2.5 Functional description

The primary technical components of a solarium are an artificial source of UV radiation and a mechanical structure with a defined active surface.

The UV spectrum is supplemented by visible light in the ELEMENTS by Ergoline. UVA, UVB and visible light are generated by LEDs.

3 Operation



3.1 User safety information

 **DANGER!**



UV radiation

Danger of skin and eye injuries or skin diseases!

- Please observe the safety instructions and warnings in chapter 1.

Danger of hearing damage!

Listening to music at a high volume can result in permanent hearing damage.

- Do not set the volume too high.

3.2 Tanning - but correctly!

A few things need to be noted in order to obtain maximum enjoyment from a tanning unit. Here are some answers to frequently asked questions.

Make-up on the sunbed?

A wide variety of materials is found in cosmetics. Whether these are emulsifiers, greases, or fragrances – in conjunction with UV radiation, these can cause skin allergy reactions.

For this reason, always use cosmetics that have been specially developed for use in tanning booths.

So, this to-do list is a must before using a tanning unit: Remove all make-up. This is essential. Make-up clogs the pores in the face. The UV light from a tanning unit re-opens these clogged pores so that not only does the light penetrate the skin, but also the allergenic components of the make-up.

A further negative consequence of make-up is that the appearance of the skin deteriorates irreversibly over a period of time. However good decent make-up looks - in conjunction with UV light, it causes more harm than good. Therefore: Remove all make-up before a session on your sunbed - it will be much better applied afterwards.

Showering after leaving the sunbed?

The browning is in the skin, not on it. Therefore you cannot wash it off. Treat your skin to a moisturizing cream after showering.

Are medications and the sunbed compatible?

It is known that some medicaments increase the skin's sensitivity to UV light. This probability is particularly high with antibiotics, sulphonamides, psychiatric drugs, tranquillizers, anti-diabetes treatments and diuretics. Sun creams which contain psorale or kumarin also increase skin sensitivity. If you are in any doubt, first ask your doctor - then you can enjoy the sun at no risk.



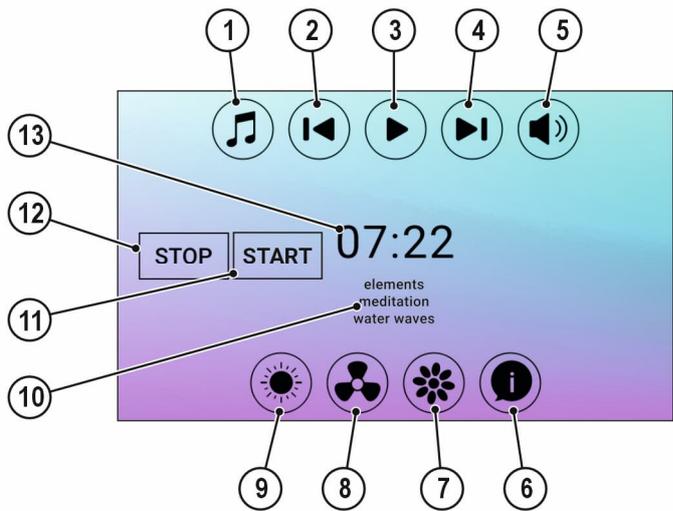
Contact lenses on the sunbed?

The answer is: Yes! Like any other tanning unit user, contact lens wearers should also wear special protective goggles which protect the eyes against UV radiation. To guarantee better protection, wearers of spectacles and contact lenses can ask their optician for exchange contact lenses with UV protection. The UV-A and UV-B filters built into exchange contact lenses will protect the cornea and the internal parts of the eye against almost 100 % of the energy in UV radiation.

This will benefit tanning unit users not only in the open air, but on the tanning unit itself. You can wear these contact lenses on the tanning unit without any restrictions. For more information, ask your optician or optometrist.



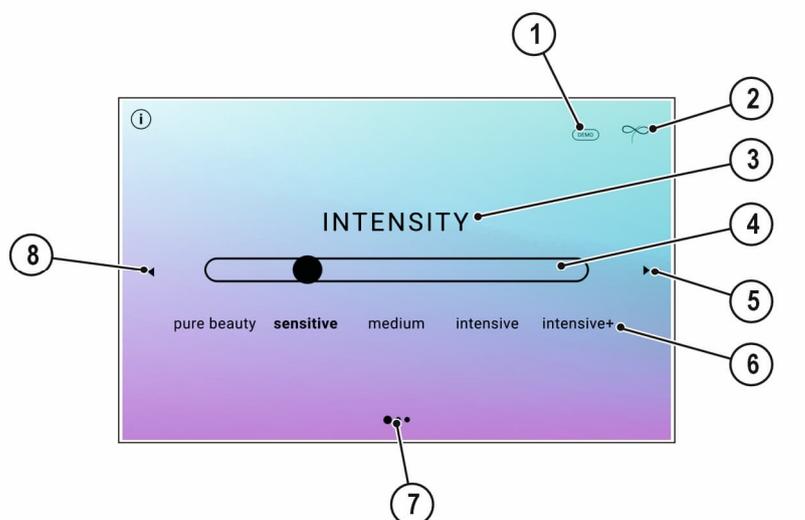
INTERIOR DISPLAY



21795 / 0

1. Audio source pictogram
2. Audio back pictogram
3. Audio pause/play pictogram
4. Audio next pictogram
5. Volume pictogram
6. VOICE GUIDE pictogram
7. AROMA SYSTEM pictogram
8. Fan pictogram
9. Intensity selection pictogram
10. Display - Track title
11. START pictogram
12. STOP pictogram
13. Display - Tanning time

3.3.1 EXTERIOR DISPLAY (touch)



21796 / 0

1. Demo mode
2. PROFESSIONAL SETUP MANAGER PLUS (PROFESSIONAL settings)
3. Description of the selected function
4. Slider
5. Next settings
6. Possible settings
7. Settings page (page 1 of 3)
8. Last settings

**NOTE!**

When the video option is activated:

To interrupt or end the video, touch the display briefly.

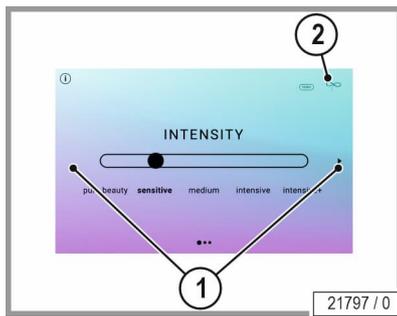
More information on the Video Option can be found in the PROFESSIONAL SETUP MANAGER PLUS (order no. 1019476-..).

**NOTE!**

To activate demo mode, briefly double tap on 'DEMO' (pos. 1).

In demo mode, you can test the audio, fan and VOICE GUIDE function.

You have 30 seconds in which to select the function.



3.3.2 Navigation

You can already configure the most important settings using the PROFESSIONAL SETUP MANAGER PLUS (order no. 1019476-..) before starting the unit.

The user can select the application type before the tanning session. For further information on the application types: see chapter 3.5 on page 44.

You can use the user profile to configure and save individual settings for a number of other functions before starting the unit.

All functions can be accessed using the arrow keys (pos. 1).



NOTE:

To access the 'PROFESSIONAL SETUP MANAGER PLUS' tap briefly on the ELEMENTS by Ergoline logo (pos. 2).



NFC¹-Point

Data exchange via contactless near field communication.

The user settings can be saved to a special customer card so that they do not have to be set again during the next application. The stored data can be transferred to other units with similar setting options.

- Hold the customer card close to the NFC point (max. distance 3 cm).

¹ Communication system: NFC (Near Field Communication); max. operating range: approx. 50 mm, frequency range: 13.56 Mhz

NFC status

The data transfer is indicated by colours.



The NFC point flashes pulsating:
Ready/Standby
Data can be transferred to a data carrier.



The middle of the NFC point is green:
Settings have been successfully transferred from the
data carrier.



The middle of the NFC point is blue:
Settings have been successfully transferred to the data
carrier.



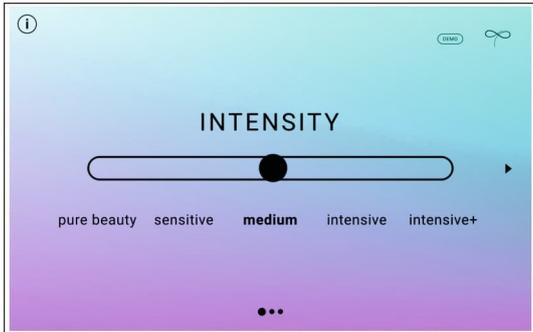
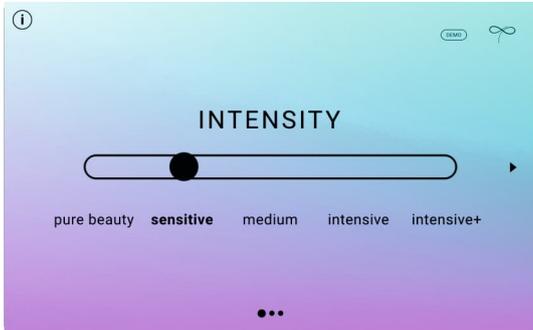
The middle of the NFC point is orange:
a) Transmission error
– Hold the card in front of the point again and wait a lit-
tle longer.
b) The data carrier is empty.
– The settings can be saved to the data carrier after the
session.

Information about the setting options can be found in the separate
user manual 'PROFESSIONAL SETUP MANAGER PLUS' (order number:
1019476-..) in the technical documentation.

3.4 Functions

PROFESSIONAL SETUP MANAGER PLUS – User profile

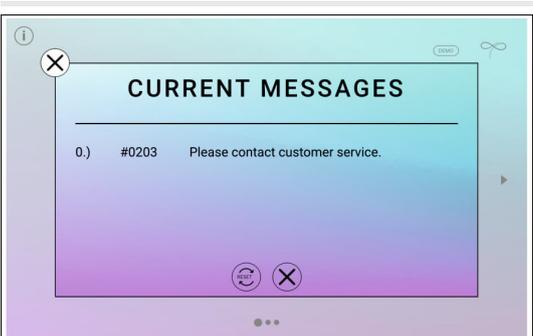


Icon selection / key sequence	Description/ display	Information
	<p>Press and hold the elements logo briefly; the PROFESSIONAL SETUP MANAGER PLUS open.</p>	
	<p>Select 'Intensities' Move the slider or press directly on the program you want.</p>	<p>Activate by touching.</p>
	<p>Select 'Intensive+'</p>	<p>Activate by touching.</p>
	<p>Select 'Sensitive'</p>	<p>Activate by touching.</p>

Icon selection / key sequence	Description/ display	Information
	<p>bluetooth® = smartphone connection internal = internal music studio = studio channels off = music off</p>	<p>Activate by touching.</p>
	<p>Display without studio channels</p>	<p>Activate by touching.</p>
	<p>Connection to the user's smartphone.</p>	<p>Activate by touching.</p>
	<p>AROMA and VOICE GUIDE activated</p>	<p>Move the slider to switch the function on or off.</p>
	<p>AFTER THE TANNING SESSION: Fan run-on</p>	





Icon selection / key sequence	Description/ display	Information
	<p>Press 'OK' to return to the start page.</p>	<p>When the cleaning mode is activated in PROFESSIONAL SETUP MANAGER PLUS and the run-on time of the device fan has finished, cleaning must be confirmed after every tanning session by pressing the START/STOP button.</p>
	<p>Error message</p>	
	<p>Current error message</p>	

INTERIOR DISPLAY in standby



NOTICE:

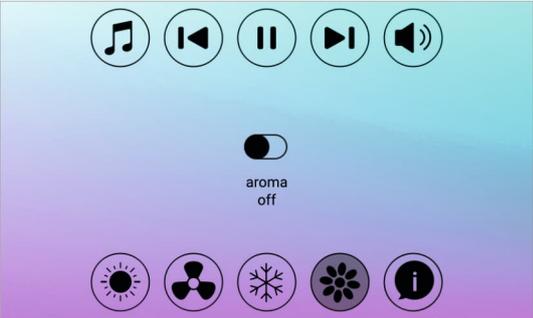
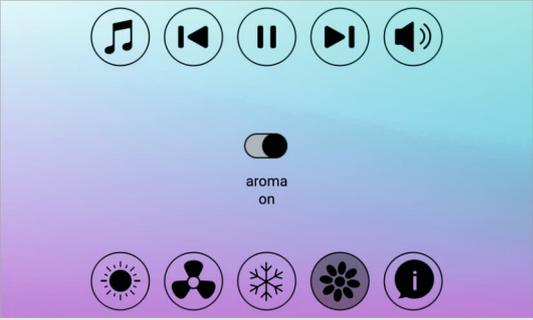
If no application type is selected before the session, the user may select the desired tanning program in the INTERIOR DISPLAY.

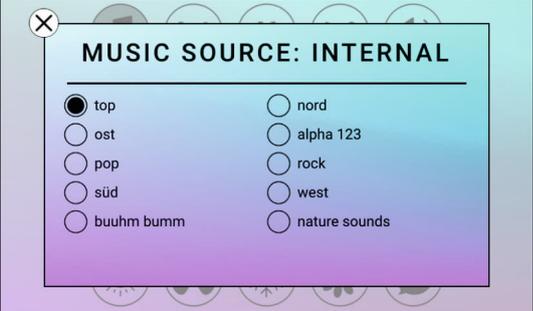
Further information on the application types: see chapter 3.5 on page 44.

3.4.1 Navigation

Icon selection / Description/display key sequence	Information
---	-------------

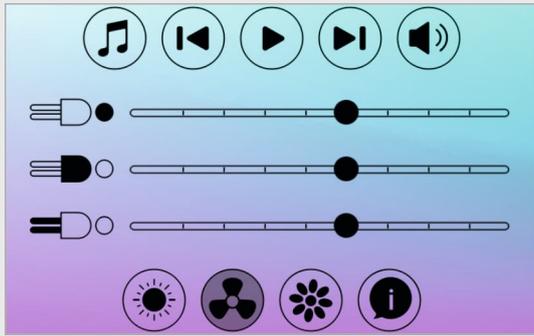
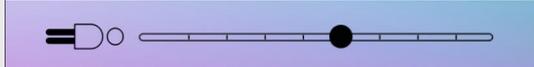


	<p>AROMA</p>  	<p>AROMA on / off</p>
---	--	-----------------------

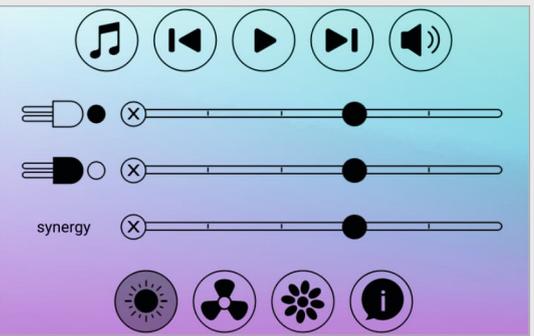
	<p>Audio source selection</p>  	<p>bluetooth® internal music selection studio channel selection audio sources 'off'</p>
---	--	---



Icon selection / Description/display key sequence	Information
---	-------------

 <p>Fans (face, body and foot fans)</p>    	<p>The fans can be set separately for the face, body and feet. If the user does not change anything, the fan settings are automatically adapted to the temperature.</p> <p>Adjust face fan: Levels 0–9</p> <p>Adjust body fan: Levels 0–9</p> <p>Adjust feet fan: Levels 0–9</p>
--	--

 <p>VOICE GUIDE VOICE GUIDE ON / OFF</p> 	<p>The VOICE GUIDE guides the user through the entire operating process. This function can be switched on and off at any time.</p>
--	--

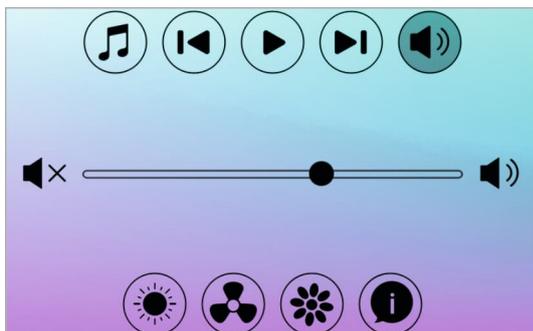
 <p>SPECTRA</p>    	<p>Adjust UV intensity in face area, Levels 0–5</p> <p>Adjust UV intensity in body area, Levels 0–5</p> <p>Control SYNERGY Light, levels 0–5 SYNERGY LIGHT uses the synergy of red and green light.</p>
--	---

Icon selection / Description/display key sequence	Information
---	-------------



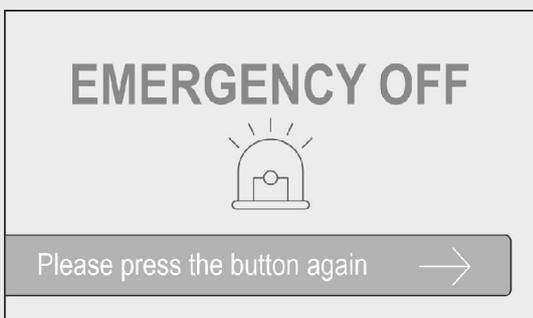
Volume

Levels 0–14



EMERGENCY OFF

When the EMERGENCY OFF button is pressed, the entire unit apart from the INTERIOR DISPLAY switches off. In this state, a display appears to show that the EMERGENCY OFF button has been operated.



The edges of the EMERGENCY OFF button also flash red at the same time.

The displays appear in an alternating pattern.

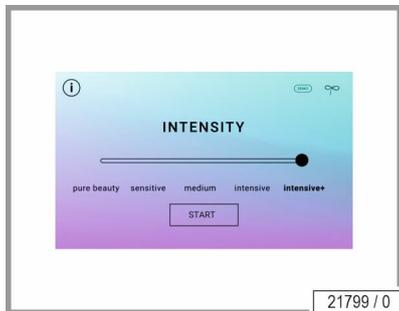
The tanning time will keep running.

The VOICE GUIDE provides voice assistance.

After being blocked for 2 seconds, the EMERGENCY OFF can be reversed again. The unit restarts in tanning mode.



3.5 Selection of the application type (SELECTABLE TANNING PROGRAMS)



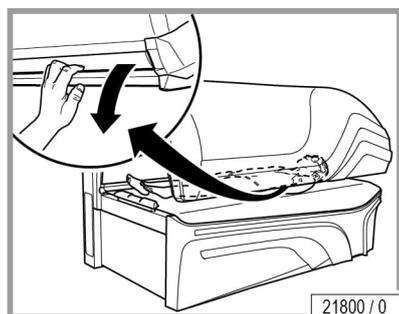
Before the session begins, the desired application type must be selected. There are 5 possible selections:

- PURE BEAUTY:
100% SYNERGY Light, UV-free program
 - SENSITIVE:
approx. 70% intensity and ratio of UV-A and UV-B LEDs
 - MEDIUM:
approx. 85% intensity and ratio of UV-A and UV-B LEDs
 - INTENSIVE:
100% intensity and ratio of UV-A and UV-B LEDs
 - INTENSIVE +:
approx. 115% intensity and ratio of UV-A LEDs and 100% for UV-B LEDs
- Move the slider for the required application type or press directly on the program in question or on the position in the slider.
- Press the button for the desired type of application.



NOTE:
If no application type is selected before the tanning session, the user can also select their preferred tanning program in the INTERIOR DISPLAY. If no option is selected, the unit starts with the application type 'INTENSIVE +'.

3.6 Start



- Closing the canopy.
- Press the START/STOP button.

Upon starting the following functions are switched on:

- SPECTRA LEDs and UV-LED Boards
- Air conditioning system
- Ventilation
- Audio system
- VOICE GUIDE

3.7 Coupling with Bluetooth® devices



DANGER!



Danger of hearing damage!
Listening to music at a high volume can result in permanent hearing damage.

- Do not set the volume too high.

Users can pair their personal smartphone with the audio system. The devices must be paired before the tanning session starts.

The solarium and the user's personal smartphone can only be paired via Bluetooth®¹Connect. When using Bluetooth® Connect, the user can transfer their favourite music into the solarium wirelessly from their smartphone. Operation can be performed conveniently via the INTERIOR DISPLAY (TOUCH) during the tanning session.



NOTE:

- Ergoline cannot guarantee full compatibility with all Bluetooth® devices.
- Before coupling a device with this system, read the user manual to find out more about the Bluetooth® compatibility.
- Make sure that the Bluetooth® function is activated on your device and that the device is visible for all other Bluetooth® devices.

Pairing with a Bluetooth® player

Activate the Bluetooth® function and search for Bluetooth® devices.

Activate the Bluetooth® function on the iPhone®:

iPhone®:

Settings → General → Bluetooth® → ON (search for units is started.)

Activate the Bluetooth® function on the Android® smartphone:

Android® smartphone:

Press the Bluetooth® symbol → SCAN (search for units is started.)

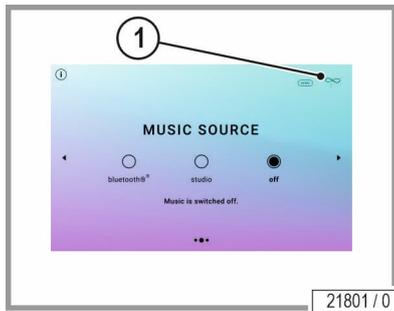
¹ Communication system: Bluetooth® standard version 3.0, Version 2.1 and EDR; max. operating range: approx. 10 m; frequency range: 2.4 GHz range (2.4000 GHz - 2.4835 GHz); compatible Bluetooth profiles: A2DP, AVRCP; simultaneously supported devices (pairing): one device



NOTE:

The tanning device can store a maximum of ten coupled Bluetooth® devices. In the event of recoupling the tanning device must first be deleted from the Bluetooth® device. The activation process must then be repeated.

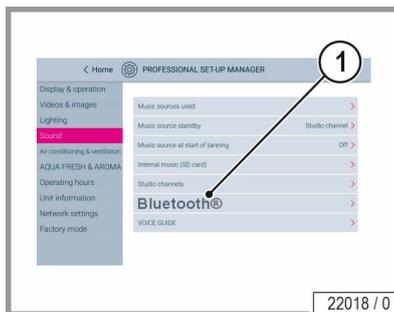
Activate Bluetooth® Connect in PROFESSIONAL SETUP MANAGER PLUS



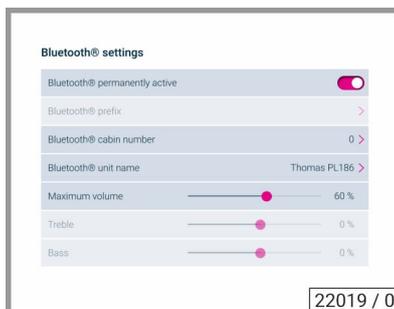
- Press the ELEMENTS by Ergoline logo (pos. 1) briefly to access PROFESSIONAL SETUP MANAGER PLUS.



Press 'Sound' (1) in the user profile.



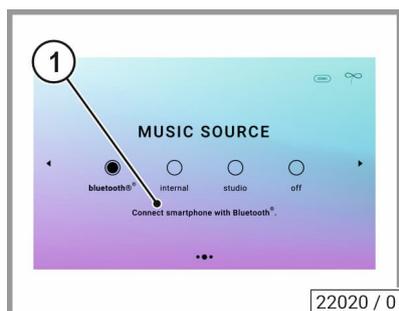
Select 'Bluetooth®' (1)



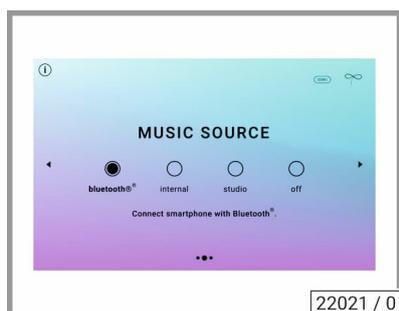
- Move the slider to activate the function  or deactivate it .

Successful Bluetooth® connection in the INTERIOR DISPLAY

- Status display (1) when the units have been successfully paired.



Audio sources: Bluetooth® selection in the INTERIOR DISPLAY.





3.8 Listening to music

 **DANGER!**



Danger of hearing damage!
Listening to music at a high volume can result in permanent hearing damage.

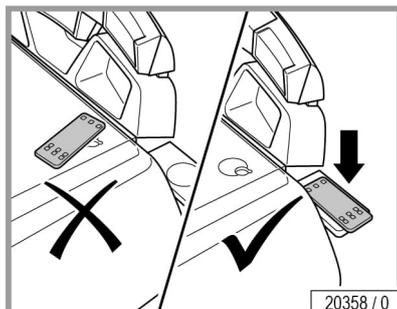
- Do not set the volume too high.

 **CAUTION!**



Possible heat damage to the smartphone.

- Do not place the smartphone directly in the area of radiation.



3.9 Smartphone Wireless Charging

Use this technology to charge your smartphone wirelessly. You can charge your smartphone without connecting or plugging in any wires. Simply place your Qi-compatible smartphone in the centre of the wireless charging station with the display facing upwards; it will start charging automatically. Straighten up the smartphone slightly if necessary until the charging function is activated.



NOTE:

Do not place any magnetic strips, chip cards (in passports, on credit cards, etc.) or metal objects onto the charging station. Some smartphone cases can impair the charging process.

4 Cleaning and maintenance



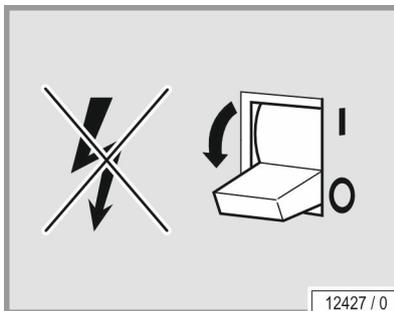
4.1 Safety instructions when undertaking cleaning or maintenance work

 **DANGER!**



Electricity throughout entire device!
Personnel danger due to electric shock or electric burns.

- Before beginning work, disconnect all of the power connections from mains voltage.
- Secure all of the disconnected connections against accidental reactivation.
- Check that the device is disconnected from mains voltage.
- All of the work and electrical connections must comply with the national regulations of the country in which the device is being operated (e.g. the VDE regulations in Germany) and must be undertaken by appropriately trained specialists.



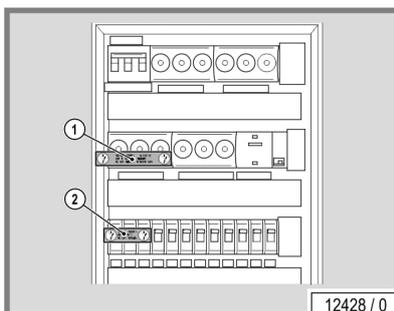
12427 / 0

If work is to be performed on the devices, they must be deenergized. That means that all live cables must be switched off.

Switching off the unit alone is insufficient, as certain points may remain energized. Therefore, switch off fuses before performing any work and – if possible – remove them.

Accidental reactivation can result in serious accidents. Immediately after deenergizing, secure all switches or fuses used for deenergizing against being switched on again.

- Lock the fuse box with a padlock.



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In case of circuit breakers which cannot be unscrewed, a strip of adhesive tape may be applied over the actuation lever with the wording 'Do not switch, danger!' (1 + 2).

A prohibition sign with the text:

'Work in progress!'

'Place:

'Sign may only be removed by:

must always be securely mounted immediately.



4.2 Faults

Error codes are output to the display to simplify troubleshooting:

- If a fault occurs, the error code appears in the display.
- If several faults occur, the fault messages are displayed alternately.
- The error is acknowledged by pressing the START/STOP-button.
- If the error cannot be cleared, inform Customer Service - see page 2.

More detailed information regarding the error description and solutions can be found in 'Error Codes', (Order No. 1019969-..).

4.3 Cleaning

 DANGER!



Infections can be spread by skin contact!

All objects/device parts that could come into contact with the user during tanning must be disinfected after every tanning session:

- Acrylic glass panel
- Handles and control panel
- Protective goggles
- Adjustable air nozzles

4.3.1 Disinfection

We recommend a suitable rapid surface disinfectant as a cleaning agent for rapid and thorough disinfection.



NOTE:

- To ensure thorough disinfection, always adhere to the contact time specified for the disinfectant. Follow the manufacturer's instructions for use.
- After the prescribed contact time, remove any remaining residues of the cleaning/disinfecting agents.
- Use a soft, clean single-use paper towel for this purpose.
- Carry out a visual inspection. Repeat the cleaning procedure if you find dirty areas or residues of the cleaning/disinfecting agent.
- Carry out a further visual inspection.

4.3.2 Cleaning the surfaces

Acrylic glass surfaces



! CAUTION!



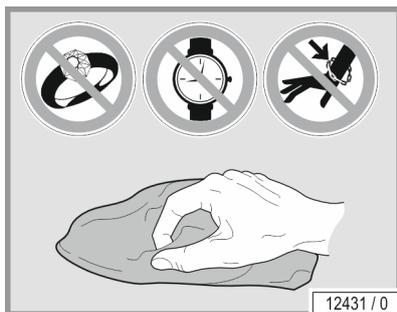
Do not rub dry – danger of scratching!

Failure to observe this will invalidate all guarantee claims.

- Only use a rapid surface disinfectant for acrylic glass panels for fast, hygienic proper cleaning of acrylic glass surfaces.
- Do not use disinfectants or solvents (e.g. Lysoform, ethyl alcohol, or other fluids containing alcohol).

Acrylic glass panels rendered unusable due to contamination!

- Remove fingerprints, cleaning residues and other soiling carefully.



Plastic surfaces

To clean the painted and unpainted plastic surfaces, it is best to simply use warm water and a leather cloth. Never use alcohol-based aggressive cleaning agents or essential oils. These cause damage that is not covered by warranty claims.

During cleaning a slight discolouration of the leather cloth by the rubber seals must be expected for production-related reasons.

Prevent damage to the acrylic glass and plastic surfaces.

- Remove rings, watches, bracelets etc. before starting cleaning work.



4.3.3 SPECTRA LED boards

 CAUTION!



SPECTRA LED boards are very sensitive optical components.

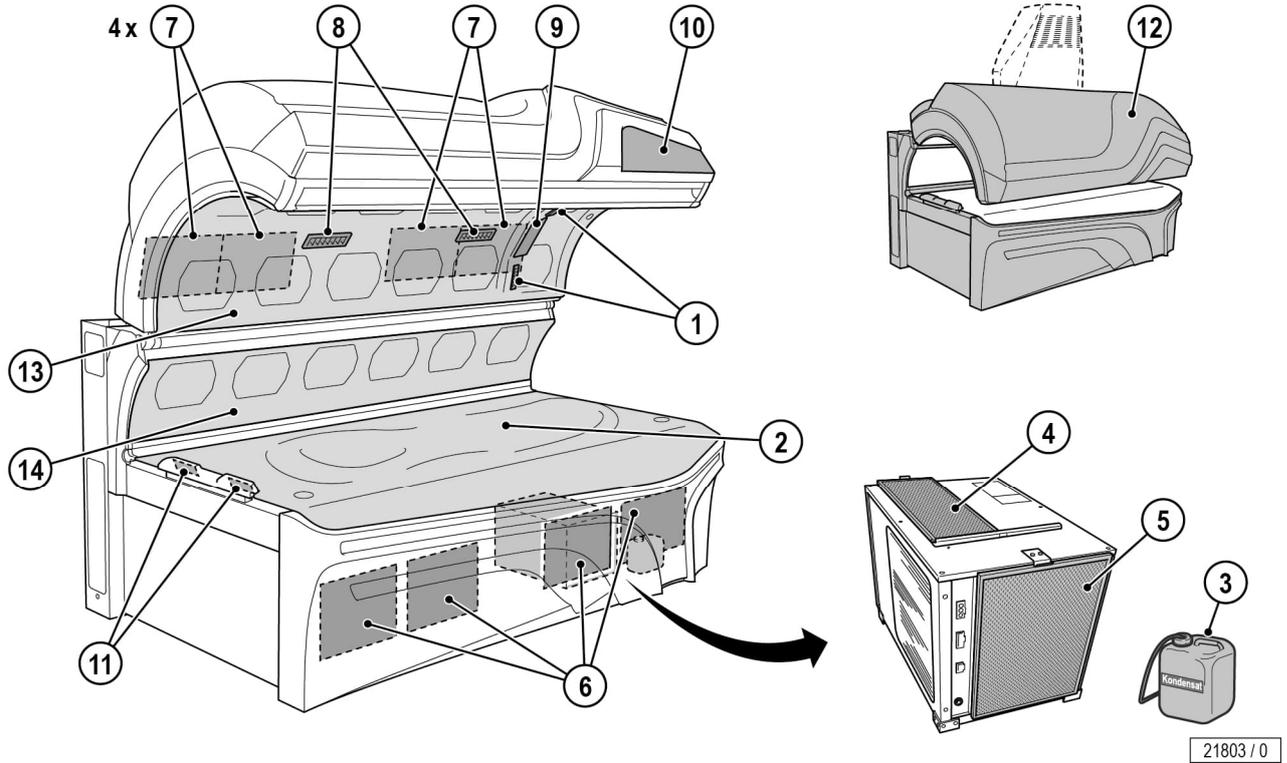
Risk of scratches!

Failure to observe this information will invalidate any warranty claims.



- Do not clean using mechanical equipment and do not clean with moisture!
 - Do not spray the components!
 - Do not buff or rub the components!
 - Do not vacuum the components!
 - If the components are dusty, use a clean, dry microfiber cloth.
 - Only use the microfiber cloth for SPECTRA LED boards!
 - Once used, clean the microfiber cloth according to the washing instructions for the cloth.
 - Do not insert the microfiber cloth directly into the reflector clusters. Risk of scratches!
 - Wipe the surface of the reflectors gently without applying any pressure!
 - If the SPECTRA LED boards need to be cleaned mechanically (buffed), always contact Customer Service before cleaning – see page 2.
-

4.4 Cleaning plan



21803 / 0

Component	Interval	Activity	See page
	After each tanning session		
	When necessary		
	50 h		
1 Adjustable air nozzles	X	Clean and disinfect	50
2 Acrylic glass panel	X	Clean and disinfect	51
3 Condensation tank		X Empty	64
4 Filter		X Remove and clean filter	64
5 Filter		X Remove and clean filter	64
6 Filter		X Remove and clean filter	61
7 Filter		X Remove and clean filter	63
8 Body cooling air nozzles		X Clean	50
9 INTERIOR DISPLAY (TOUCH)	X	Clean and disinfect	50
10 EXTERIOR DISPLAY (TOUCH) and NFC CONNECT	X	Clean and disinfect	50
11 Body cooling air nozzles, feet end / AROMA		X Clean	50
12, 13, 14 Surfaces		X Clean	51
Protective goggles	X	Clean and disinfect	50



NOTE:

When the cleaning mode is activated in PROFESSIONAL SETUP MANAGER PLUS and the run-on time of the device fan has finished, cleaning must be confirmed after every tanning session by pressing the START/STOP button.

4.5 Maintenance

Maintenance and care play a major role in deciding whether the device meets the requirements placed on it in a satisfactory manner. Compliance with the specified maintenance intervals and the careful conducting of the maintenance and care work are therefore absolutely necessary.

The current operating hours of maintenance parts can be called up in service mode (see 'PROFESSIONAL SETUP MANAGER PLUS'), order no. 1019476-..

We point out that the device must be subjected to regular inspections by our customer service or an approved specialized company every 12 months (from commissioning) to maintain its proper condition!

Inspections and maintenance work that has been carried out must be entered in the equipment, operating and maintenance booklet (order no. 1019967-..).

4.5.1 Acrylic glass

 **WARNING!**



Cosmetics may cause cracks to form on the surface! Over the long-term cosmetics or sunscreens cause damage (e.g. crack formation on the surface).

- Ensure that cosmetics and sunscreens are removed before tanning.

The acrylic panels are made of acrylic glass that is specially developed for this field of application. The acrylics used are characterised by a particularly high UV permeability and resistance, as well as an easy-care, hygienic surface that is agreeable to the skin.

The acrylic glass panels are formed to device-specific shapes in a technically complex production process. Despite state-of-the-art production know-how, the presence of minor spots, air bubbles or streaks in the acrylic panels is unavoidable. In addition, hairline cracks can occur on the acrylic glass panel during operation.

These occurrences are material-related and are unavoidable in processing. However, they have no significant effect on use and are therefore not accepted as defects.

Over the course of time the acrylic glass panels becomes more translucent as a result of usage and must be replaced by customer-service personnel on a regular basis.

4.6 REMOTE SERVICE (optional)



Being the studio operator, you have the possibility to service your ELEMENTS by Ergoline via REMOTE SERVICE. You can call up device information, e.g. operating hours and conduct a device configuration via REMOTE SERVICE. In case of service, the technical services can carry out a remote diagnosis online via REMOTE SERVICE.



NOTE:

More information on registration and use as well as a REMOTE SERVICE user manual (order no. 1019772-..) can be found on the homepage of Globalservice: www.jk-globalservice.de.

4.7 Maintenance plan

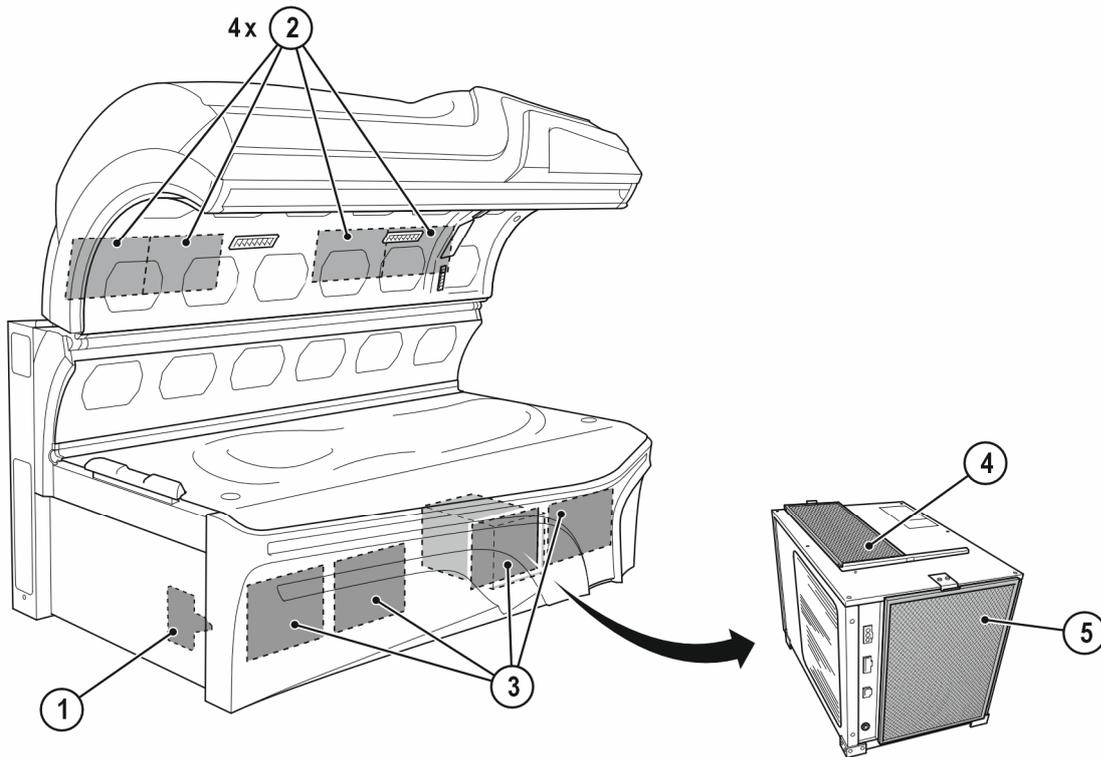


WARNING!



Only use genuine spare parts of the same type! If other parts are used then the device no longer complies with the conformity declaration and may not be operated any longer!

Any liability for damage or injury proven to be the result of the use of non-genuine spare parts is excluded.



21804/0

Component	Interval	Activity	See page
	300 Operating hours		
	3,000 Operating hours / 2 years		
1 AROMA tank	X	Replace	66
2 Filter	X	Replace	63
3 Filter	X	Replace	61
4 Filter	X	Replace	64
5 Filter	X	Replace	64

Maintenance performed by authorized, trained and qualified staff

 **WARNING!**

Danger to people from maintenance work that has not been carried out!

If maintenance work is not carried out, it can lead to material damage or personal injuries!

- Maintenance work may only be carried out by trained and skilled personnel who have been authorised, instructed and qualified by JK-International GmbH, JK-Global Service department!
- The operator is responsible for compliance with the maintenance intervals!



The maintenance work must be carried out in accordance with checklist 1019858-.. by a JK Factory Certified Technician at the manufacturer or by personnel who have been authorized, trained and qualified by the manufacturer.

The correctly carried out maintenance work must be entered and confirmed in checklist 1019858-..

The maintenance work must be carried out at the following intervals:

- Every 1500 hours
- Annually or every 2000 hours, whichever is sooner.
- Every 3000 hours
- Every 5000 hours
- After 10 years or 20,000 hours, whichever is sooner.

Once the age of the unit reaches ten (10) years from the date of manufacture, its condition must be assessed by a JK-International GmbH, Division JK-Global Service Certified Technician before use of the unit can be continued.

Failure to have this unit assessment performed may result in personal injury or property damage.

Any liability is excluded if use of the unit continues ten (10) years after the date of manufacture, without the "condition assessment" having been performed.

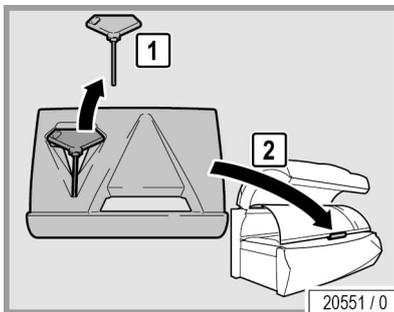
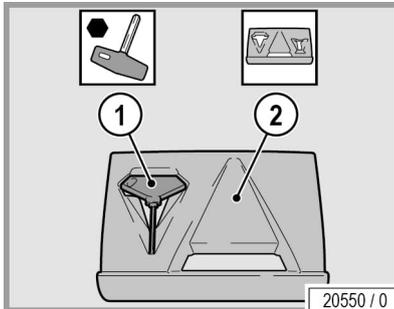


4.8 Cleaning and maintenance work preparation

4.8.1 Service kit

1. Allen key
2. Scratch prevention for the entry area (support cushion for the canopy)

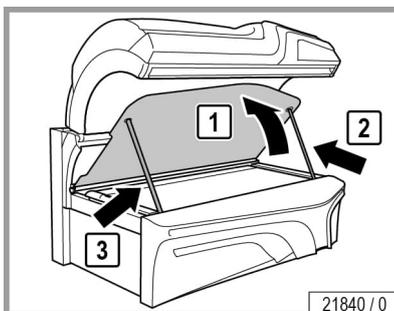
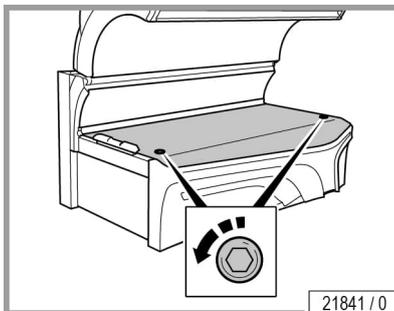
The service kit is enclosed in the packaging.



- Remove the Allen-key.

4.8.2 Lifting up the acrylic glass panel and cleaning the intermediate panel

- Loosen the screws.



- Lift the acrylic glass panel up to the stop.
- Lift up the supports and prop the acrylic panel on them.

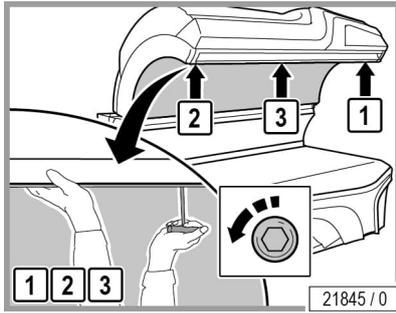


NOTE:

Only clean the intermediate panel from the visible side!

If the bottom side needs to be cleaned, please always contact Customer Service – see page 2.

4.8.3 Removing the canopy panel



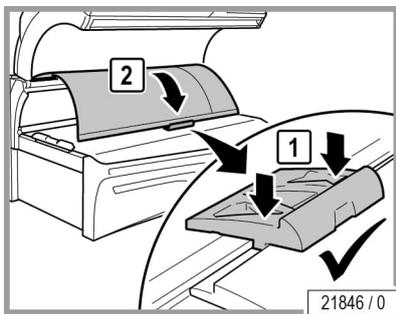
- Turn the locks through 90°: first the outer locks, then the lock in the middle.
- Support the canopy panel with one hand so that it does not fall down.



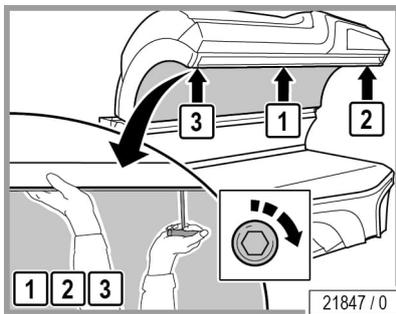
NOTE:

SPECTRA LED boards are very sensitive optical components.

Please observe chapter 'Cleaning the surfaces of SPECTRA LED boards' on page 51.



- Carefully lay the panel aside on the scratch protection (service kit).



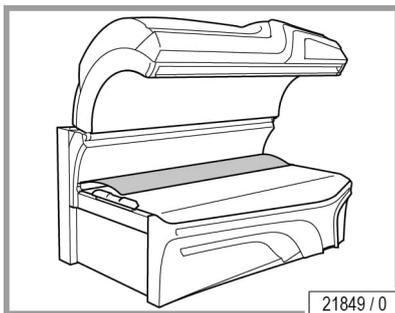
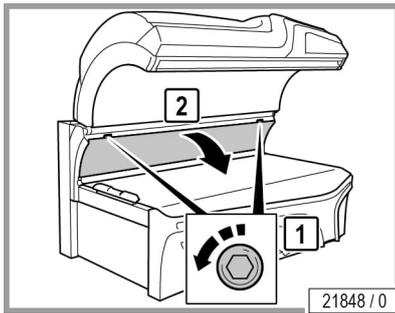
The assembly is the same process in reverse order.

When assembling the device please note:

- Support the canopy panel with one hand so that it does not fall down.
- Re-lock the locks: first the lock in the middle, then the outer locks.

4.8.4 Removing the side section panel

- Turn the locks through 90°.



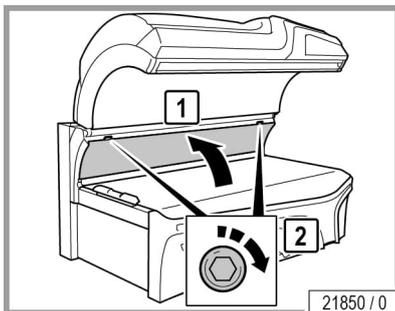
- Open the panel and lay it down carefully.



NOTE:

SPECTRA LED boards are very sensitive optical components.

Please observe chapter 'Cleaning the surfaces of SPECTRA LED boards' on page 51.

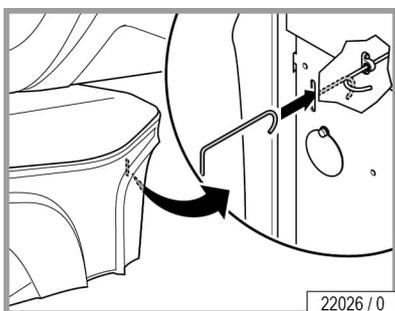


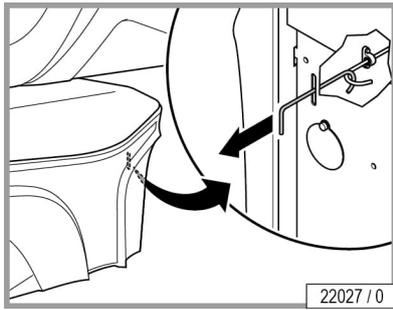
When assembling the device please note:

- Re-lock the locks.

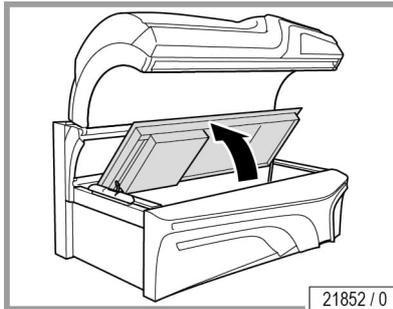
4.8.5 Opening the bed base

- Insert the tank hook into the opening and hook it into the locking bar.

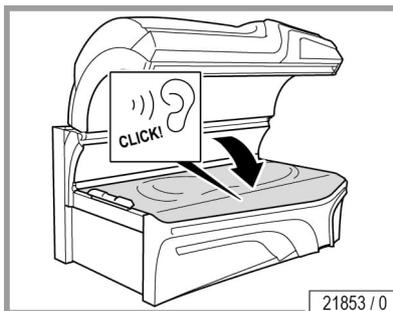




- Pull the tank hook forwards.

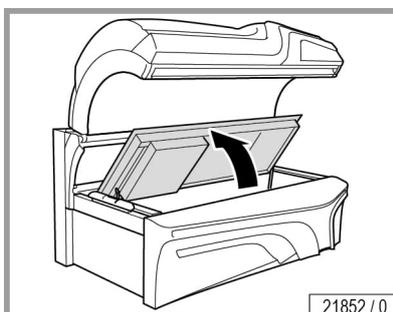


- Lift up the bed base.

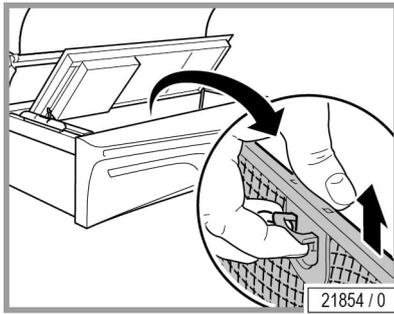


- Close the bed base. You should hear the bed base click into place.

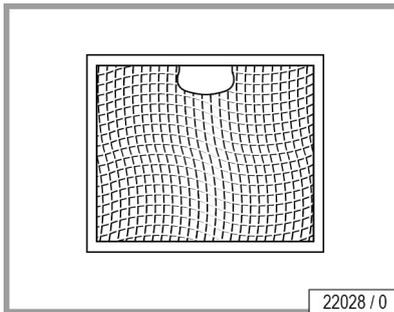
4.9 Cleaning the filters in the base



- Opening the bed base: see page 60.



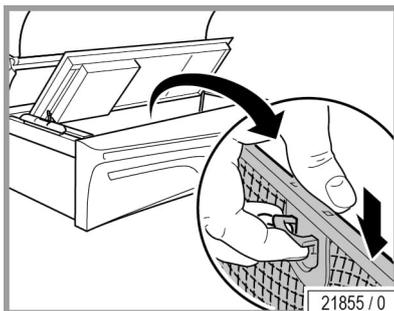
- Remove the filters.



- Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling)

Moist cleaning: Use water and detergent or put in a dish-washer



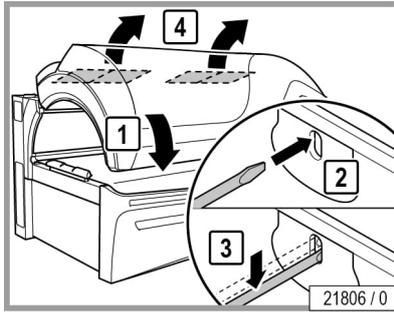
 **WARNING!**



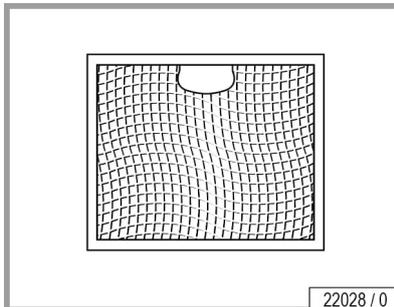
The device may be damaged by moisture!
The cleaned filters must be dry before they are replaced.

- Refit the cleaned and dried filters.
- Close the bed base. You should hear the bed base click into place.

4.10 Cleaning the canopy filter



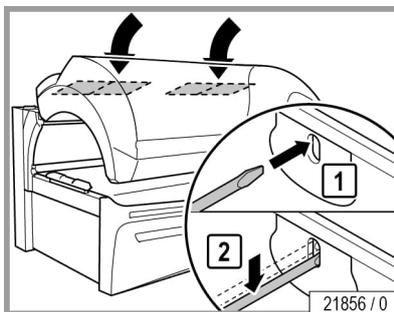
- Close the canopy.
- Insert the screwdriver into the opening.
- Press the screwdriver downwards.
- Remove the filter fitted at the back of the canopy.



- Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling)

Moist cleaning: Use water and detergent or put in a dish-washer



- Insert the screwdriver into the opening.
- Press the screwdriver downwards.
- Refit the cleaned and dried filter.

! WARNING!



The device may be damaged by moisture!

The cleaned filters must be dry before they are replaced.

4.11 Cleaning filter mats in the shoulder tanner

Not available on this model.



4.12 Air conditioning: Empty the condensation tank and cleaning the filter

CAUTION!



Inflammable refrigerant in the air conditioning system!

Leaking refrigerant can lead to fires or explosions.

- Avoid sources of ignition! Fire, naked flames and smoking are prohibited.
- No servicing work may be carried out on components in the cooling circuit, e.g. on the compressor, pressure switch or frequency inverter.
- Do not perform any soldering or welding work on the unit.



NOTE:

The filter surfaces must be free from contamination. The filters must be cleaned regularly in accordance with the specifications in the cleaning plan.

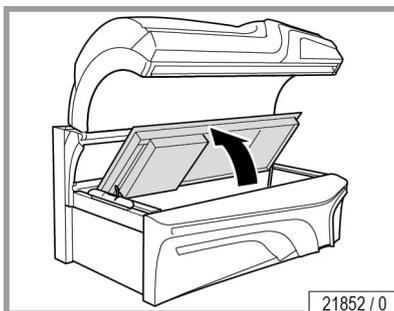


NOTE:

Do not allow the refrigerant to escape into the atmosphere! Information regarding the refrigerant types used:

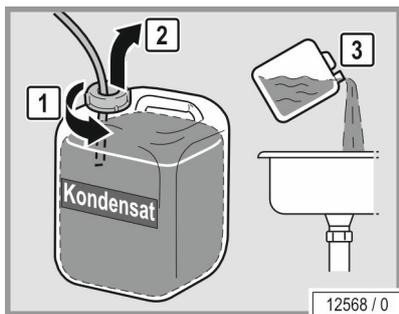
refrigerant types R290 (⁽¹⁾GWP: 3) are currently used with a charge of 0.135 kg.

Refer to the name plate on the air conditioning system for information on the refrigerant type and quantity.



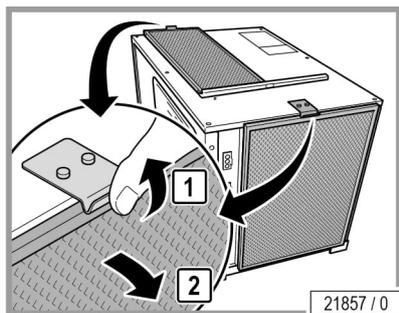
- Opening the bed base: see page 60.

¹ GWP = global warming potential



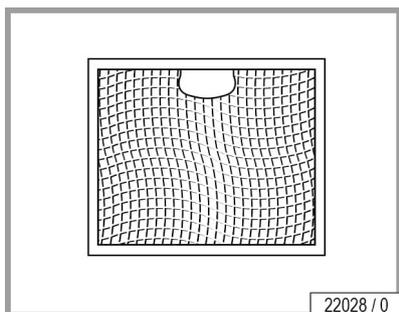
12568 / 0

- Bring the condensation tank forwards.
- Disconnect the hose on the condensation tank.
- Empty the condensation tank.



21857 / 0

- Remove the filter from the holder.

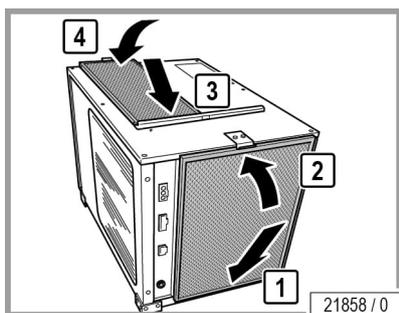


22028 / 0

- Cleaning the filters when moist or dry.

Dry cleaning: Vacuum cleaner (depending on the degree of soiling)

Moist cleaning: Use water and detergent or put in a dish-washer



21858 / 0

- Refit the cleaned and dried filters.
- Ensure that the filters are correctly positioned in the holder.

! WARNING!



The device may be damaged by moisture!
The cleaned filters must be dry before they are replaced.



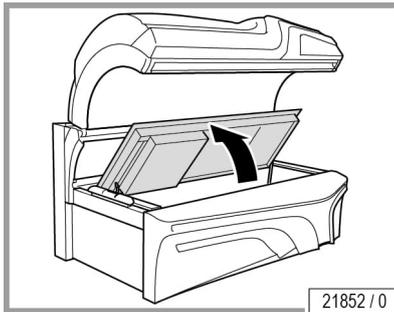
4.13 AROMA SYSTEM maintenance

The AROMA SYSTEM also includes the fragrance 'RELAX', which is distributed via the body cooling air nozzles at the foot end and in the booth.

Other fragrances are also available. Contact JK-International GmbH, Division JK-Licht for further details (see page 2).

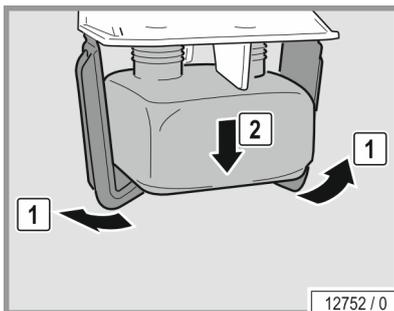
4.13.1 Changing the AROMA canister

- Opening the bed base: see page 60.



21852 / 0

- Remove the AROMA canister.



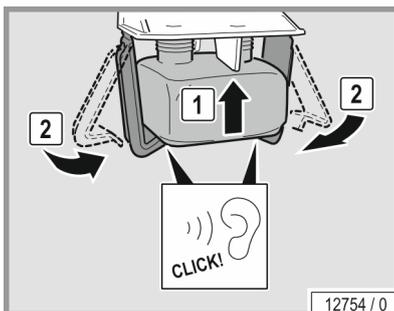
12752 / 0

- Unscrew the lid on the new canister.
- Write the date on the canister.



12571 / 0

- Fit the canister in the holder.
- Close the bed base. You should hear the bed base click into place.



12754 / 0

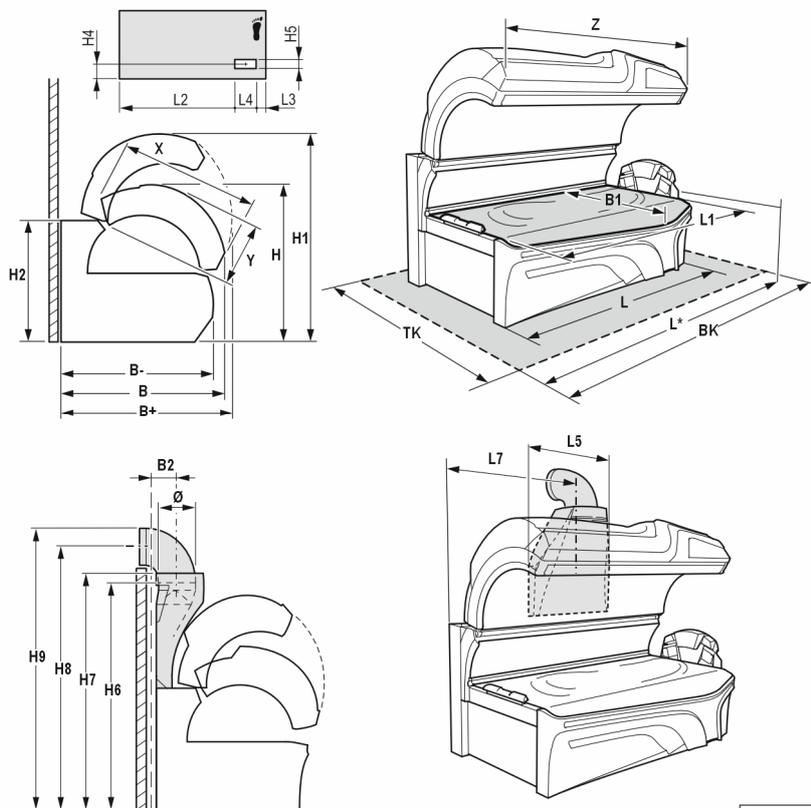
5 Technical data



5.1 Power, connection rating and noise level

ELEMENTS by Ergoline	
Power consumption rating with air conditioning:	7300 W
Rated frequency:	50 Hz
Rated voltage:	400-415 V 3N~
Rated fuses:	3 x 16 A (inactive)
Connecting line:	H05VV-F 5G 4 mm ² (scope of delivery)
Noise level 1m away from device:	74 dB(A)
Noise level inside the device:	<80 dB(A)
Load on the acrylic glass panel:	max. 135 kg
Weight:	635 kg

5.2 Dimensions



21864 / 0

ELEMENTS by Ergoline:

B+ =	1455 mm	H =	1477 mm
B =	1455 mm	H1 =	2100 mm
B- =	1430 mm	H2 =	1100 mm
B1 =	820 mm	H4 =	550 mm
B2 =	195 mm	H5 =	120 mm
L (shoulder tan without sound system / audio system) =	2247 mm	H6 =	1865 mm
L* (shoulder tan with sound system / audio system) =	2253 mm	H7 =	1922 mm
L1 =	2200 mm	H8 =	2229 mm
L2 =	1790 mm	H9 =	2354 mm
L3 =	334 mm	Ø =	300 mm
L4 =	120 mm	BK =	2400 mm
L5 =	600 mm	TK =	2300 mm
L6 =	100 mm		
L7 =	1120 mm		
X =	1132 mm		
Y =	662 mm		
Z =	2225 mm		

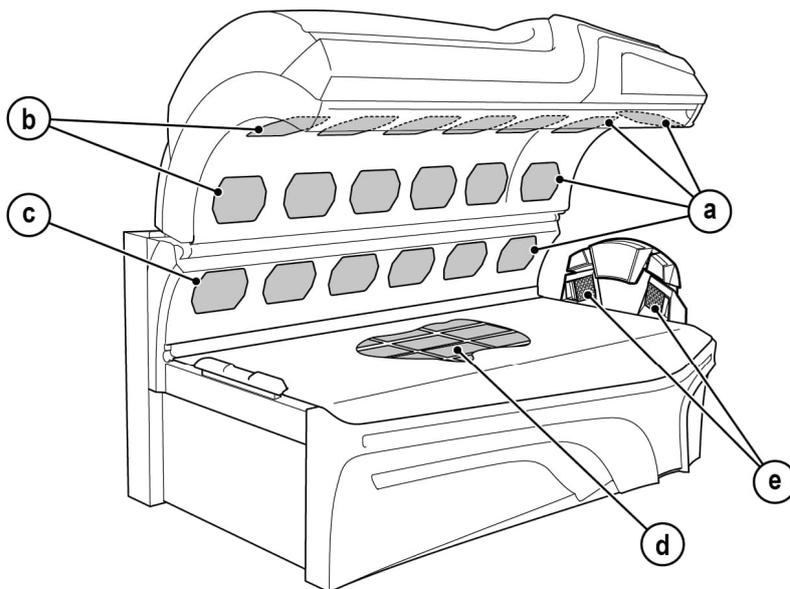
5.3 LED Board components



 CAUTION!



The conformity declaration applies for the specified LED boards. The operating permit is rendered void if other LED boards are used.



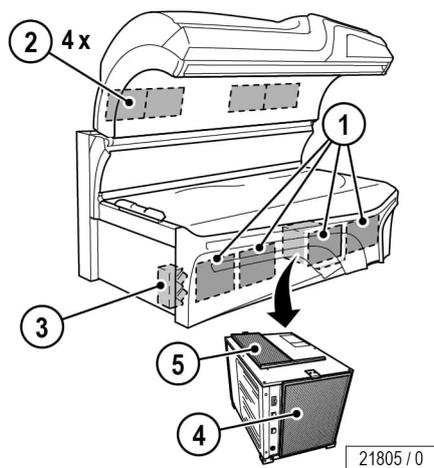
21834 / 0

LED Board components

	Number	Description		Part number	
	a)	4	UV LED Board SPECTRA GB	Not a wear part	1515629-..
	b)	15	UV LED Board SPECTRA	Not a wear part	1516479-..
	c)	5	UV LED Board SPECTRA	Not a wear part	1516479-..
	d)	24	UV LED Board	Not a wear part	1515606-..
	e)	2	UV LED Board SB	Not a wear part	1513795-..



5.4 Spare parts and accessories



Number		Description	Order-no.
1	4	Filter	52104-..
2	4	Filter	1513484-..
3	1	AROMA, 100 ml RELAX	701357-..
	1	Protective goggles	1027211-..
4	1	Filter	51937-..
5	1	Filter	55567-..
	1	Tank hook	1517832-..

6 Appendix



6.1 JK timer controls

The following time control system can be utilised with the ELEMENTS by Ergoline series units:

HK MICROTIMER 8250 order no.: 500001653

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