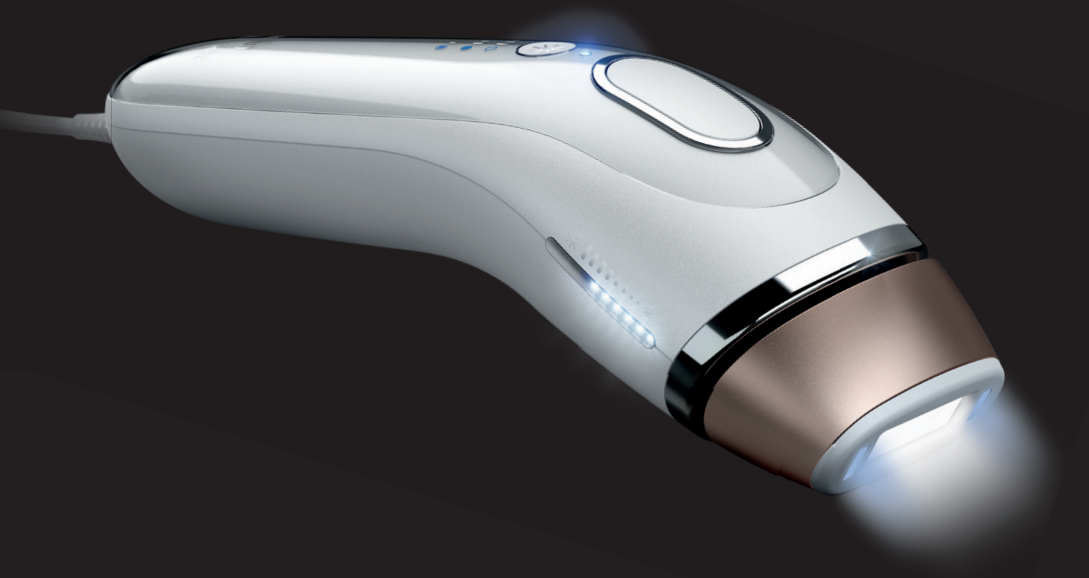
BRAUN

Silk·expert 5

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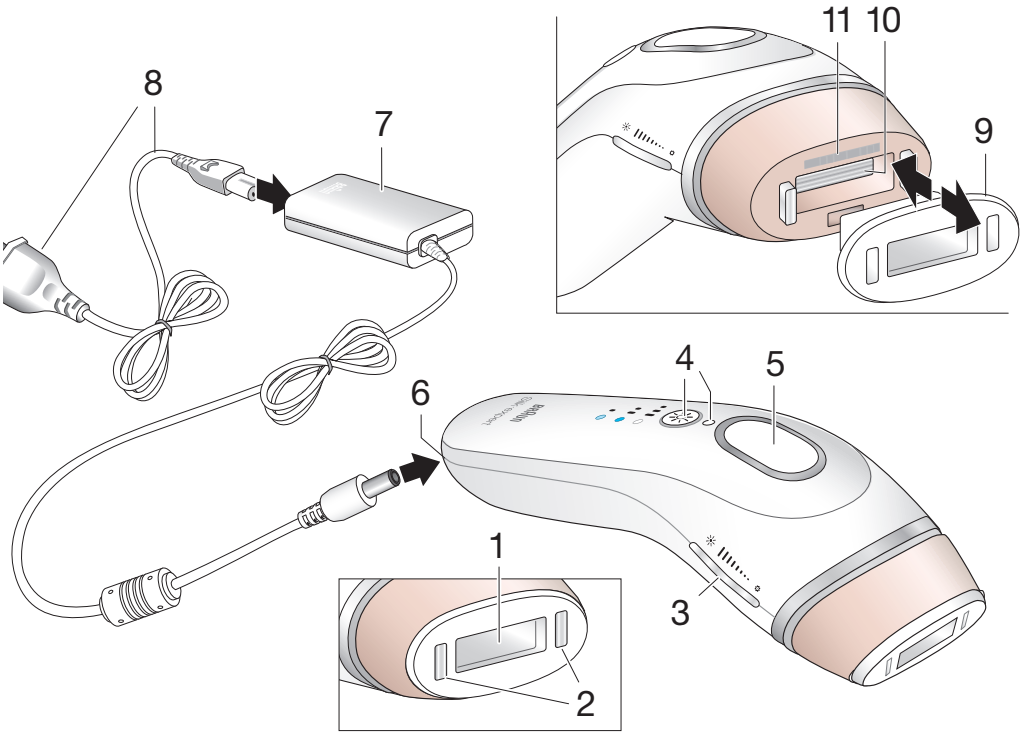
Type 6029

www.braun.com

BD 5006
BD 5007

US Helpline:
1-800-BRAUN-11 or
1-800-272-8611





Skin tone & Body hair type chart:

Hair Color \ Skin Tone	I	II	III	IV	V	VI
	✓	✓	✓	✓	✓	×
	✓	✓	✓	✓	✓	×
	✓	✓	✓	✓	✓	×
	×	×	×	×	×	×
	×	×	×	×	×	×
	×	×	×	×	×	×

✓ = suitable

× = not suitable or effective for use

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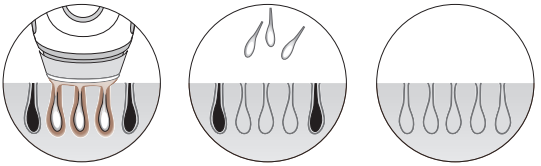
Our products are designed to meet the highest standards of quality, functionality and design. Using professional light technology, Braun Silk·expert Intense Pulsed Light (IPL) is a hair removal device that can be used comfortably at home.

1 Description

1 Treatment window
2 SensoAdapt™ skin tone sensors
3 LED Power bars
4 Light intensity button with indicator light
5 Treatment button
6 Power socket
7 Power supply
8 Mains cord
9 Removable front with reflector
10 Glass filter
11 Serial number

2 How Does Silk·expert Work?

Silk·expert is designed to help break the cycle of hair growth. Light energy is transferred through the skin's surface and is absorbed by melanin present in the hair shaft. The absorbed light energy is converted to heat energy (below the surface of the skin), which disables the hair follicle. Treated hairs naturally fall out over the course of a few days to 1-2 weeks.



What to Expect
Immediately post treatment, you should not see any significant side effects from treatment (Refer to section 4 for more information on side effects).
In the first few weeks following the initial treatments, you will still see some hairs growing. These are likely to be hairs that were missed during treatment i.e. they were lying dormant and not in their growth phase (Anagen) during treatment, when IPL is most effective.
Around 6 weeks into the 12 week treatment program you should see a reduction in hair growth. However, many hairs may still not have been treated in their growth phase. It is important to continue the weekly treatments.
After the 12 week program, you should see a significant reduction in hairs within the treated area. Any remaining hairs should be finer and lighter in color. Continued monthly treatments, or treatments as required, should maintain the reduction in unwanted hair.

3 Important Safety Information

3.1 Contraindications

DO NOT use the device if you have very dark skin. The Skin Tone sensors located near the output window of the device will determine the tone of your skin. If the Skin Tone sensors determine your skin is too dark for safe use, operation will be prevented.

DO NOT use the device if your skin has been artificially or naturally tanned recently or is burned from sun overexposure. Your skin may be extra sensitive following sun exposure and particularly susceptible to burning, blistering, discoloring or scarring if you use the device. Wait 1 week until sunburn or tan disappears before using the device. Treating tanned skin with IPL may result in permanent Hyper (darkening) or Hypo (lightening) changes to the treated skin.

DO NOT expose treated areas to the sun. Wait at least 7 days after treatment before exposing treated skin to direct sunlight. Your skin may be extra sensitive following IPL treatment and particularly susceptible to sunburn. Apply sunscreen (SPF 15 or greater) to the treated area or cover the treated area with suitable clothing.

DO NOT use the device directly on the nipples, genitals or around the anus. These areas may have a darker skin color and/or greater hair density. Using the device in these areas may cause discomfort/pain or injure (burn, discolor or scar) your skin.

DO NOT use the device if you have a history of skin cancer or pre-cancerous lesions (e.g. nevi or a large number of moles).

DO NOT use if you are pregnant, lactating, as this device has not been tested with these individuals.

DO NOT use on dark brown or black spots such as birthmarks, moles or warts in the area you wish to treat. Using the device may injure your skin or make existing conditions worse. You may experience side effects such as burns, blisters and skin color changes or scarring.

DO NOT use if you have any skin condition in the treatment area, including psoriasis, vitiligo, eczema, acne, herpes simplex or active infections or wounds.

DO NOT use if you are under the age of 18 as this device has not been tested on these individuals.

DO NOT use on tattoos or permanent make up in the treatment area.

DO NOT use on beard/facial hair for men.

3.2 Warnings

DO NOT use if you have a known sensitivity to sunlight (photosensitivity) or are taking a medication that causes photosensitivity e.g., certain antibiotics such as tetracycline, NSAIDS such as ibuprofen or retinoids such as Accutane and/or topical retinoids such as Retin A. Always check the instructions that come with your medical products to see if photosensitivity is listed as a side effect. Using the Silk Expert device on photosensitive skin could result in skin damage including blisters and swelling.

Women who are using the Silk Expert on the face:

DO NOT use if you have had a skin peel treatment on the area of the face you wish to treat. You should wait 30 days after a skin peel before treating.

DO NOT use if you have had a laser skin resurfacing procedure on the area of the face you wish to treat. You should wait 6 months following a laser skin resurfacing procedure before treating.

EYE SAFETY

The device emits flashes of Intense Pulsed Light. Direct exposure is potentially harmful to your eyes. Take care to follow the safety precautions below.
The device can only be activated (flashed) if both Skin Tone Sensors (2) detect a valid Skin Tone reading. However:

DO NOT look directly into the treatment window (1) when the device has electrical power and is switched on.

DO NOT attempt to activate (flash) the device towards the eye.

DO NOT treat areas around the eye (eyebrows or eyelashes).

ONLY attempt to activate (flash) the device when the treatment window is in good contact with the area you wish to treat.

WE RECOMMEND you look away from the device when activating the treatment button.

ELECTRICAL AND FIRE SAFETY

As with any electrical device, certain precautions must be taken in order to ensure your safety.
DO NOT try to open the device, as this may expose you to dangerous electrical components.

DO NOT use if the device is damaged; for example, cracked housing, cable damage (internal wires visible), cracked or broken glass filter etc. This may result in injury.

DO NOT use near bathtubs, showers, basins or other vessels containing water. If the device becomes wet, it should not be used.

DO NOT use if the device becomes uncomfortably hot to touch. This may indicate that the unit is damaged.

DO NOT attempt to activate (flash) the device onto any surface other than skin.

DO NOT operate the device if the mains plug is not easily accessible. You should be able to disconnect at any time.

WARNING No modification of this equipment is allowed.
To prevent any damage or risk of electric shock or fire hazard, operate the device only with the mains cord (8) and power supply (7)  (CyDen Type 6027...) provided with this device. Do not use any other component, nor manipulate the device. This may damage the unit and cause it to stop working.

GENERAL SAFETY

The device should be kept out of the reach of children under 18 years of age. Children should not use, play with, maintain or clean the device. There are a number of potential risks – exposure to the light output causing burns or eye damage, electrocution, strangulation from the cables, choking on the Removable Front.

People with reduced physical, sensory or mental capabilities or lack of experience and knowledge may use the device if they have been given supervision or instruction concerning the safe use of the device and understand the hazards involved.

The Glass filter (10) is a critical component that will get hot during use.

DO NOT touch the glass filter during or directly after use. Regularly inspect the filter for damage.

DO NOT use the device if the filter is cracked or missing.

3.3 Precautions

Hair removal by lasers or intense pulse light sources can cause increased hair growth in some individuals. Based upon currently available data, the highest risk groups for this response are females of Mediterranean, Middle Eastern, and South Asian heritage treated on the face and neck.

DO NOT USE the device on any area where you may want hair to grow back.

The device is not recommended for use on red, grey or blonde hair since it is not effective on these hair colors.

4 Potential Risks, Side Effects and Skin Reactions

The use of this device could result in side effects. The table below lists the known skin reactions that may occur following treatment with the device.

Possible Side Effects	**How to assess and react**
Mild pain / discomfort in the area being treated	This is expected and is normal for all IPL treatments. You can keep on using the device as instructed, and the pain should diminish with continued use.
Warm feeling or tingling sensations during treatment, which typically disappear after a few seconds to a minute and decrease with continued use.	This is expected and is normal for all IPL treatments. You can keep on using the device as instructed.
Itchiness in the treatment area	This is quite common for IPL treatments, and should subside after a short period. You can keep on using the device as instructed. Do not scratch the area.
Skin redness during or after treatment which disappears within minutes.	This is expected and is normal for all IPL treatments. You can keep on using the device as instructed once skin redness has disappeared.
Skin redness which does not disappear within minutes and lasts 24-48 hours.	Stop using the device immediately and consult your physician before using it again.
Pain or discomfort that is intense during treatment or persists after a treatment.	Stop using the device immediately and consult your physician before using it again.
In very rare cases	**How to assess and react**
Swelling and redness that does not disappear within two to three days.	Stop using the device immediately and consult your physician before using it again.
Temporary changes in skin color (lightening or darkening).	If your skin color changes, stop using the device immediately and consult your physician.
Blistering or burning of the skin.	Stop using the device immediately and consult your physician before using it again. Apply a cold pack to the area. Treat with antiseptic or burn cream.

In a clinical trial of 50 subjects, each subject received 12 weekly treatments. The recorded effects were:

- Itchiness: Four subjects experienced mild itchiness after treatment.
- Slight Redness: This was reported by 1 subject.
- Mild Stinging Sensation: Five subjects reported mild discomfort following treatment.
- In-growing Hair: One subject reported experiencing an in-growing hair following treatment.
- Follicle Redness: One subject reported a red spot at the treatment site following treatment.

In all cases, the treated skin returned to normal within 7 days.

5 Benefits

The device is indicated for the permanent reduction of unwanted hair.

A clinical trial was performed to assess both the safety and efficacy of the device. The key features of the clinical trial were:

- All treatments were performed by non-medically trained operators at a single location using devices identical to the one provided in this package;
- All subjects were required to complete questionnaires related to their general health and those who could not be treated, e.g. those who had one or more of the contraindications as listed in Section 3 of this User Manual were excluded. In addition, all subjects were required to provide Informed Consent as per international clinical trial requirements;
- A total of 53 female subjects, aged between 19 and 45 years old, commenced the trial;
- Three subjects left the trial during the treatment period for personal reasons. No subjects left the trial due to problems associated with the use of the device;
- Each subject received 12 weekly treatments to their chosen body location. A typical treatment consisted of shaving the site then applying the device following the same process as outlined in Section 7, Step 3 of this user manual;
- Hair counts were used to measure the change in the amount of hair 6 months after the last treatment and 12 months after the last treatment. The hairs in the treatment sites were counted via high resolution photography and the difference in hair counts was calculated as a percentage change;
- When used as directed, the clinical trial participants showed on average 44% less hair 6 months after their last treatment and 36% less hair 12 months after their last treatment when compared to hair counts taken before treatment (see table below). Actual results did vary from person to person.

Number of subjects at 6 months post treatment	50
Hair reduction at 6 months post treatment	43.9 %
Number of subjects at 12 months post treatment	33
Hair reduction at 12 months post treatment	36.0 %
% of subjects met success (> 30% hair reduction) on all body areas at 12 months post treatment. Subject success is defined as greater than 30 % hair reduction at all treatment sites at 12 months.	66.7 %

- The incidence of side effects during the clinical trial was minimal (as outlined in Section 4 above) and the majority of subjects (48 out of 50) would recommend the device to their friends.

6 Intended Use of Silk·expert

USE

The device is intended for the permanent reduction in unwanted, visible hair for a single user.

BODY AREAS

Women: Legs, arms, underarms, bikini area and face (below the cheek bones)

CAUTION: Do not use the device near the eyes, along the forehead, on the lips or nostrils. Do not use it in the genital area.

Men: Shoulders and below (chest, back, arms, stomach, legs)

CAUTION: Do not use on the face, neck or genital area.

The device is intended to be used on body hair below the neck, including arms, underarms, bikini line, stomach and legs.

SKIN COLOR

The device is intended for use on light, medium and dark skin tones up to and including skin tone V (see Skin tone chart on page 3). The device incorporates two Skin Tone Sensors that measure the color of your skin and will prevent use if your skin tone is too dark.

HAIR COLOR

The device is intended for use on naturally black or brown hair. It may not be as effective on white, grey, blonde or red hair.

7 How To Use

WARNING: Follow each step in the treatment process ensuring you complete all aspects of each step before progressing to the next.

Step 1: Preparing the treatment area
Remove all visible hair on the skin before using the device. You may use your preferred hair removal method. Ensure there is no hair remaining above the surface of the skin as this can damage the removable front (9) and may cause treatment discomfort. Remove any cosmetics, lotions and cream from the area you wish to treat. Cleanse the treatment area and pat dry.

Step 2: Doing a Test Patch
Before your first treatment on each new body area, we RECOMMEND you test your skin (in that area) for reactions.
The patch test area should be approximately 3 cm x 2 cm in size (equivalent to 2 flashes applied to the skin side by side). Follow Step 3 to treat the area.
Wait 24 hours following the patch test, to ensure your skin is suitable for treatment and there is no adverse reaction to the light energy. If there is no reaction after 24 hours, you may treat the area around the test patch. The 'patch tested area' should not be re-treated for at least one week.

Step 3: Treating with Silk·expert
a) Plug the mains cord (8) into an electrical outlet. Plug the power supply (7) into the power socket (6). The LED power bars (3) will light up once and a fan will start running. This means the device is in READY mode. During operation, the device will heat up slightly.
b) Press the treatment window (1) firmly against the area to be treated ensuring both skin tone sensors (2) are in contact with skin. The device will not operate if only one skin tone sensor is in contact with skin. Once both skin tone sensors measure a valid skin tone, the pre-set output power is displayed on the LED Power Bars (3) located on both sides of the device.

The skin tone sensors measure the color of your skin and set the correct level of output power needed. If your skin is too dark for treatment with Silk·expert, the skin tone sensors will detect this and prevent the unit from operating.
RED lights will be shown in the Power Bar if your skin is too dark.
If a valid skin tone is detected, the Power Bars will illuminate WHITE.

	light skin tone → high power setting
	dark skin tone → low power setting
 no lights	no skin contact → device cannot be activated
 red light	invalid skin tone → device cannot be activated

Number of Power bar lights illuminated	10	9	8	7	6	5	4	3	2	1
Max. energy (J/cm²)	6.00	5.78	5.56	5.33	5.11	4.89	4.67	4.44	4.22	4.00

c) Press the treatment button (5). The device will flash and a warm sensation should be felt.

If you find the treatment uncomfortable, you may reduce the light intensity using the light intensity button (4):

- Normal setting: After plugging in, the device operates with full light intensity shown by a white indicator light.
  Gentle setting: Press button (4) in order to operate with reduced light intensity. The light shines blue.
  Extra gentle setting: Press button (4) a second time: The light flashes blue.

To return to full power, press button (4) again.

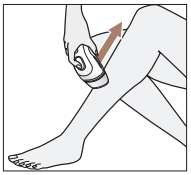
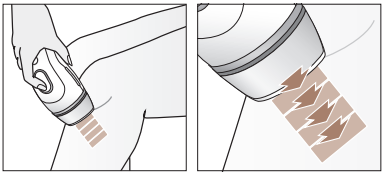
Gentle and extra gentle settings are meant for sensitive areas and first time users. With reduced light intensity more treatments may be required to see the desired effects.

d) Move the treatment window to the next area to be treated and repeat. The device needs to recharge between flashes. This will take between 1-2 seconds.
e) Ensure that the entire area receives treatment, but DO NOT treat an area twice (overlapping flashes).

8 Treatment Modes

Depending on the area you wish to treat you can choose between **Gliding mode** and **Precision mode**: Gliding mode enables fast and efficient treatments and is recommended for large skin surface areas (e.g. legs, arms, chest and back) while Precision mode is recommended for treating sensitive or small, hard-to reach areas such as knees, shins, ankles, bikini line or underarm and face for females.

The area to be treated has to be hair-free, clean and dry. Before pressing the treatment button, look away from the device to avoid the bright light.

Gliding mode	**Precision mode**
	
1. Place the treatment window (1) firmly on your skin, ensuring both skin sensors (2) have skin contact. Power bars (3) show white LEDs.	
2. Press and hold the treatment button (5). The device will begin to flash.	2. Press and instantly release the treatment button (5). The device will emit a flash.
3. Move the device slowly and continuously from the bottom to the top of the treatment area to avoid missing areas. Make sure to always keep full skin contact so that the device flashes continuously.	3. Lift off the device and place it onto the next adjacent spot to be treated. Wait for the power bars to show white LEDs. Then press and release the treatment button.
Once you have completed your first gliding stroke, lift the device off the treatment area. Repeat steps 1 to 3 to treat the next adjacent area in a parallel stroke.	Continue treatment spot by spot until you have completed the entire area you wish to treat.

Make sure to avoid missed areas by placing the treatment window directly next to the previously treated spot without leaving any space between treated areas.

If you feel intense pain, stop treatment immediately and consult your physician before using the device again.

Standby mode
After 10 minutes of inactivity, the device will revert to standby mode (which will be indicated by one blinking light on the power indicator bars). To return to READY mode, press any key or remove/replace the power cord.

Sleep mode
If the device is not operated (no button push) for 60 minutes, it will enter sleep mode (low power state). The Power bar LEDs are off. To return to READY mode, press any button or remove/replace the mains

cord. On wake-up the device will follow the standard “power on” procedure (power bars will light up completely once).

Step 4: Your Treatment Schedule
For optimal results, Silk·expert should be used once a week for 12 weeks to ensure all hair follicles are treated.
After the initial treatment phase (12 treatments), we recommend the device is used once a month, or as required, to maintain results.

Step 5: Switching Off the Device
When the treatment is finished, unplug the device from the power supply, and the electrical outlet. Refer to section 9 for details of how best to look after your Silk·expert.

9 Cleaning, Maintenance and Storage

After treatment, always switch off Silk·expert by unplugging the power supply from the device and the electrical outlet.

After use, the handset, the skin tone sensors (2) and the treatment window (1) should be inspected for damage and wiped down with a dry, lint free cloth. If any marks or black spots are seen, then it is best to clean them off straight away after treatment.

NEVER use water or other cleaning fluids, as these can damage the device leading to a potential safety hazard.

WARNING: The glass filter (10) can get hot during use. DO NOT touch or clean the filter for at least 5 minutes after use to allow it to cool down.
To ensure maximum performance of your Silk·expert, it is particularly important to keep the removable front and reflector (9) free from dirt, hair or other debris.
To aid in the cleaning of this part, the front section (9) is removable. Once removed, it can be cleaned with a slightly damp cloth. Always ensure the removable front is completely dry before re-fitting to the device.

Grip the sides of the front section (9) and pull away from the device. Once cleaned, replace it ensuring it is fully inserted. It will only fit one way. Do not force it.

Store the device in a cool, dry place. Make sure that the treatment window and skin tone sensors are protected from damage.
Regularly check the device (including cords) for visible signs of damage. In case of damage or cracks, stop using the device.

10 Travelling with the Device

The power supply unit is universal and will work with all commonly encountered mains supplies. Providing you have a suitable adaptor for the mains power cable plug, the device will operate as normal.

11 Troubleshooting

Problem	Solution
Power bars do not light up when treatment window is placed on the skin.	Make sure the device is connected to an electrical outlet and in Ready mode. Ensure both skin tone sensors are in full contact with the skin. If needed, move the device in a way that both skin tone sensors get skin contact.
The device doesn't work on small areas.	Both skin tone sensors must be in contact with the skin. If the area to be treated is too small or curved, no valid skin tone can be read and the device cannot be activated. Reposition the device to ensure both sensors make contact with the skin.
On the power bar, only the first LED illuminates red.	Invalid skin tone reading. Your skin is too dark. For safety reasons, the device cannot be activated.
First LED on power bars flashes white.	The device has gone into STANDBY mode. To reactivate, press any button.
First LED on power bars flashes red.	Removable front (9) has been taken off. Replace it.
The power bars show an unfamiliar pattern of one red LED shining along with individual white LEDs.	Device error. Device will not operate. Remove and replace the power supply connection. If error persists, contact a Braun Service Centre for repair.
All white LEDs flash.	End of product lifetime. Maximum number of flashes (300.000) has been reached.
The device is broken, cracked or appears defective.	**DO NOT USE** if the device, the mains cord or the power supply is damaged. If you are in any doubt about the safety or suspect it is damaged in any way, you must not use it.

12 Warranty

1 year limited warranty

Braun warrants this device to be free of defects in material and workmanship for a period of one year from the date of original purchase.

If the device exhibits such a defect, Braun will, at its option, either repair or replace it for the consumer without charge.

Please call 1-800-Braun 11 (800-272-8611) to be referred to the authorized Braun Service Center closest to you.

This warranty does not cover damage resulting from accident, misuse, abuse, dirt, water, tampering, unreasonable use, servicing performed or attempted by unauthorized service agencies or failure to provide reasonable and necessary maintenance.

ALL IMPLIED WARRANTIES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE LIMITED IN DURATION TO 1 YEAR FROM DATE OF ORIGINAL PURCHASE. IN NO EVENT WILL BRAUN INC. BE RESPONSIBLE FOR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state.

13 Labels and Symbols

The device is marked with the following symbols:

	Type BF Applied Part
	Class II equipment
FC	Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna. – Increase the separation between the equipment and receiver. – Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. – Consult the dealer or an experienced radio/TV technician for help.
	Follow instructions for use
	WEEE waste disposal mark of the European Union
CE	Conformity mark of the European Union
	Keep Dry
24V ⎓ 2.5A 	Direct current Connection polarity
	Only use with Power Supply 6027
c MET us	NRTL Certification marking

14 Technical specifications

Braun Silk·expert is a filtered broadband Intense Pulsed Light system with the following technical specifications:

Repetition rate:	manually pulsed every 1-2 seconds (depending on treatment setting), continuous operation
Max optical output:	6 J/cm^2
Pulse length	2.6 msec FWHM
Power line input:	100 - 240V~, 50/60Hz, 1.3 - 0.55A
Operating temperature:	5°C - 40°C / 41°F - 104°F
Optimum operating temperature:	15°C - 30°C / 59°F - 86°F

Operating humidity:	up to 93% R.H. non-condensing
Operating pressures:	700 hPa to 1060 hPa
Treatment area (spot size):	3 cm^2 (30mm x 10mm)

Transport Conditions:

Temperature range:	– 25°C to 70°C / –13°F to 158°F
Humidity:	up to 93% R.H. non-condensing
Pressures:	500 hPa to 1060 hPa

The device includes 300,000 flashes and is intended for a single user.

This device complies with the standards IEC 60601-1:2005, CAN/CSA-C22.2 No. 60601-1:2008, ANSI/AAMI ES60601-1:2005 / A2:2010, IEC 60601-1-11:2010, IEC 60601-2-57:2011, EN 55014-1:2006 / A1:2009 / A2:2011, EN 55014-2:1997 / A1:2001 /A2:2008, EN 61000-3-2:2006 /A1:2009 /A2:2009, EN 61000-3-3:2008.

Disposal at the end of the device's useful life (only mandatory in the European Union)
In order to minimize hazards to health and the environment and ensure that materials can be recycled, this product should be disposed of at a separate collection facility for waste electrical and electronic equipment.



15 Support

US Helpline: 1-800-BRAUN-11 or 1-800-272-8611
If you are unable to call our Helpline during working hours, we provide online support via our web page (www.braun.com) or Facebook.

Manufacturer:
CyDen Ltd, Technium 2, Kings Rd, Swansea, SA1 8PJ