Instructions for Use

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1 Introduction

The **IPC3** is an automatic control unit for Intermittent Compression Therapy (IPC).
The pre-configured therapy modes ensure safe and easy handling.
In combination with the **3**-chamber pressure garments (see 12: Compatible accessories), the **IPC3** provides physical decongestion therapy for venous and lymphatic diseases. In addition, **IPC3** promotes venous and lymphatic return.

The **IPC3** generates an adjustable pressure in the air chambers of the compression garments. This pressure begins in the distal = "heart distant" body parts (foot, hand) and leads to the proximal = "heart near" body parts.

The required therapy pressure is set at the pressure regulator. The filling and venting time is automatically controlled by the **IPC3**, depending on configuration.

2 Safety

The IPC is a prescription product and should therefore be prescribed by a doctor.
Please consult your doctor before using the **IPC3**.
Read the instructions carefully before use.

Use this product only for the purpose described in the instructions for use.
Connect only the garment approved for this purpose to the device.
Operation should only take place in closed rooms and by medical personnel or trained persons (e.g. patient or family members). The functions described in this manual can be used by all users.

Do not operate in the presence of highly flammable gases.
Keep the control unit away from water and moisture (e.g. steam). If water has entered the control unit, disconnect it from the power supply immediately.

Please let the control unit reach room temperature before use– see also Table 11
Keep the device away from children, pets and other animals
Always keep the system away from high temperatures above 50°C.

Avoid sharp objects damaging the power cord, connecting hoses and treatment garments.
If there are any defects on the mains cable or housing, the unit must not be put into operation under any circumstances. Disconnect it from the power supply by unplugging the power cord and notify us or your dealer.

Operate the device only with the specified voltage (230 volts / 50 Hz).
This system should not be disposed of with household waste. For detailed information, please contact your local waste disposal company or the manufacturer.
In case of a defect or if you have any questions regarding handling and operation, please contact us at + 49(0)231-925360-0 or your specialist dealer.

Maintenance by user is not intended.
Maintenance may only be carried out by personnel authorized by the manufacturer.
Maintenance may not be carried out while the device is in use.
Changes and modifications which have not been carried out by SLK are expressly prohibited and lead to immediate expiry of the guarantee and the operating permit. They could damage the product and endanger yourself and others.

Make sure that the hoses and cables are not tripping hazards. Note the possible dangers of strangulation!
Position the product in a way that you can reach the Start/Stop button and the power switch at any time!

3 Scope of delivery

- **IPC3** control unit including cover cap
- 1 x Instruction manual

4 Fields of application

indications

- thromboembolism prophylaxis
- congestion conditions due to immobility
- venous edema
- post-traumatic edema
- venous leg ulcer
- arterial occlusive diseases with edema under strict control
- sports injury and regeneration

contraindications:

- fresh myocardial infarction
- decompensated heart failure
- pulmonary edema
- cardiac and renal edema
- thrombosis, suspected thrombosis
- erysipelas
- malignant lymphedema

relative contraindications*:

- tumours in the drainage area
- lower leg trauma
- pain during AIK

*ask your attending physician

Note: The treatment garments should not come into contact with open wounds. If necessary, please consult your physician what type of wound coverage is required for therapy with **IPC3**. In case of hypersensitivity/allergies to the materials used (garments and hoses), the treatment should be stopped and a doctor be consulted.

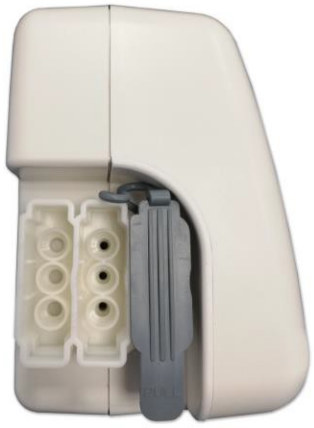
To prevent mutual interference between devices, no therapeutic or diagnostic application should be performed simultaneously with the **IPC3** (e.g. blood pressure measurement).

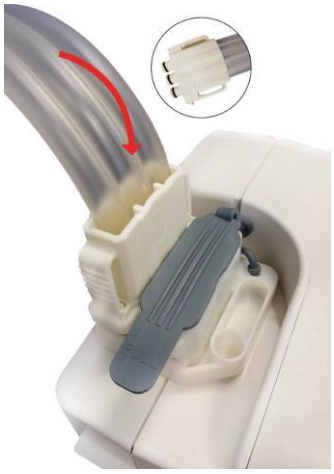
5 Operation

The following steps must be observed to ensure a proper operation of **IPC3** and its garments:
First make sure that the control unit stands on a firm base or is securely suspended from the brackets. Furthermore, the control unit should be positioned so that you can press both the start/stop button and the mains switch at any time during therapy. Make sure that the connecting hoses and power cables do not pose any danger to yourself or other persons.

First steps:

1. Plug the mains plug into the socket.
2. Connect the garments to the control unit. Due to the design, the garments can only be connected to the control unit in one direction.





3. If you use only one garment, the second connection on the control unit remains closed with the cover cap.

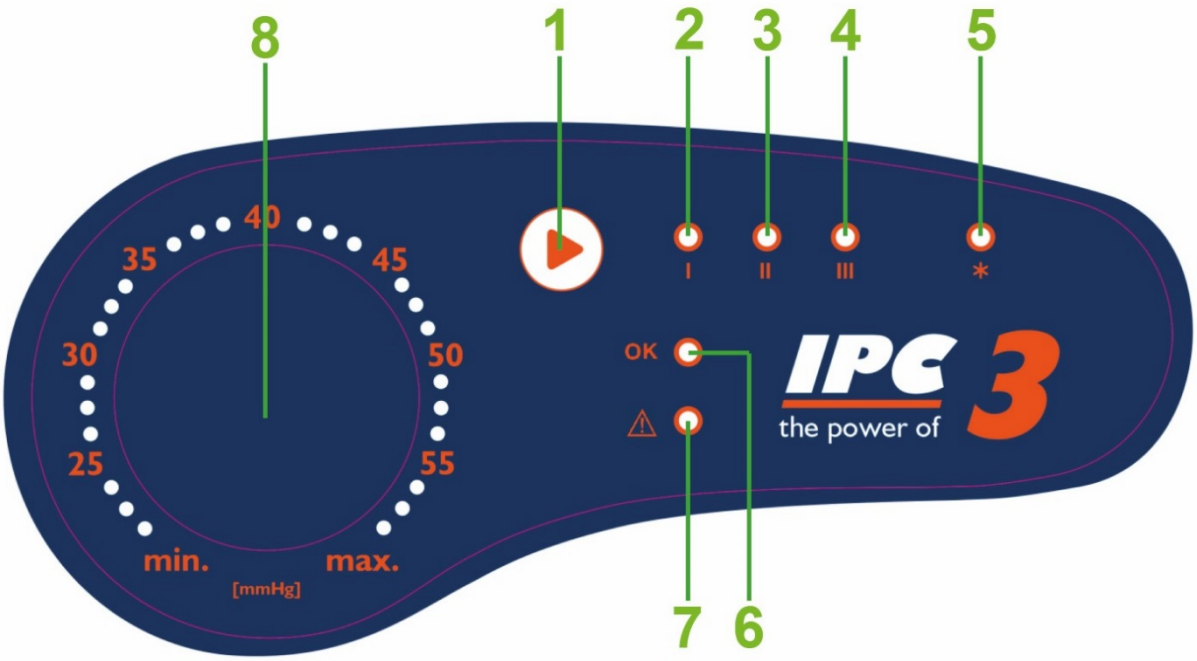
4. Now put on the garments. Make sure the garments are in the correct position.
5. Switch on the **IPC3** using the power switch on the side panel.

6. Now the **IPC3** will move towards the start position, indicated by a blinking green LED **6** After reaching the start position the blinking will stop and the **IPC3** is ready to use.
7. Set the desired therapy pressure (20 - 60 mmHg) using the control dial **8**.
8. Select the desired therapy mode by pressing and holding the button **1**. The LEDs I, II; III and * **2**, **3**, **4** and **5** light up one after the other. When the desired mode lights up, release button **1**.

mode	therapy time	deflation time	pressure range
I	20 min.	20 sec.	20 – 60 mmHg
II	30 min.	20 sec.	20 – 60 mmHg
III	45 min.	20 sec.	20 – 60 mmHg
*	60 min.	45 sec.	20 – 45 mmHg

The maximum duration of therapy is a maximum of 60 minutes with a maximum of 3 applications daily. Start the therapy by a short press / release of the button **1**.

Graphic User Panel



6 End of therapy

After the preselected therapy time has elapsed, the control unit switches itself off. After a short calibration time, the **IPC3** is in standby mode.

Please note: Before opening the zips of the garments, you should remove the hoses from the control unit. If the garments are too full, there is a risk that the zipper will be damaged when opening.

7 Transport

For transport, the connecting hoses and sleeves must be disconnected from the unit and transported individually. **Important:** The garments must not be held on the hoses.

8 Cleaning, disinfection and storage

The **IPC3** should be checked for contamination before each use. For hygienic reasons, the **IPC3** should be cleaned regularly. When changing patients, have the system chemo-thermally prepared and checked by SLK or an authorized specialist company. This is necessary to comply with the Medical Devices Act (MPG) and the guidelines of the Robert Koch Institute.

9 Service

IPC3 control units may only be checked and repaired by authorized specialist dealers or by SLK itself.

If your device is defective or deficient, please contact your trusted dealer.

In order to maintain the safety of the **IPC3** over a long period of time, a technical inspection of the control unit must be carried out at least every 2 years. This check can be carried out at SLK or an authorised specialist dealer.

The fuse is changed at the mains connection via the drawer labeled "Fuse".

If you have any questions regarding the use of the **IPC3**, please contact your specialist dealer or SLK Medical GmbH directly.

10 Error message and correction

The control electronics monitors the pressure of the air chambers. If the target pressure is not reached after a while the LED No. 7 (see Graphic User Panel) shines red.

Please check the plug connections and, if necessary, the cover cap in order to make sure that there are no leakages in hoses, connectors and garments.

If the control unit still displays this error message and no cause is apparent, contact your local dealer immediately.

If errors other than those mentioned above should occur, contact the responsible specialist dealer immediately before continuing operation.

11 Technical data

power supply:	AC 230 V, 50/60 Hz
power input:	max. 15 VA
pressure range:	20 - 60 mmHg (+/- 1 mmHg)
flow:	8 l/min
therapy time:	20 - 60 minutes (each cycle started is completed completely)

safety fuse:	Fine-wire fuse T1A AC 250 V
life cycle:	5 years or 2000 operating hours
application part:	Application parts are cuffs
inflation period:	Depending on filling volume
deflation duration:	20 seconds / 45 seconds (+/- 1 second)

ambient conditions for operation

operating temperature:	15°C to 40°C
max. relative humidity:	90%, non-condensing
air pressure:	700 mbar up to 1060 mbar

transport and storage

storage temperature:	-20°C to 50°C

Time required until device is ready to use -

warm up from the minimum storage temperature:	10 min.

Time required until devive is ready to use –

cool down from the max. storage temperature:	10 min.

max. relative humidity:	90%, non-condensing
air pressure:	700 mbar up to 1060 mbar

The system meets the essential requirements of Annex I of EC Directive 93/42/EEC.

12 Compatible accessories

- leg garment, short
- leg garment, normal

13 Symbols used

Manufacturer symbol

Follow the instructions for use

MM-YYY

Date of manufacture (Month -Year)

Use only in closed rooms

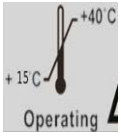
SN

Serial number

Application part BF

IP21

Protected against solid foreign bodies with diameter ≥ 12.5 mm and protection against dripping water



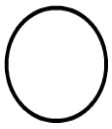
Operation only in the temperature range of +15°C to 40°C

Directive 2002/96/EC on waste electrical and electronic equipment: separate collection of electrical and electronic equipment

Symbol for protection class II

Voltage "On" device switched on

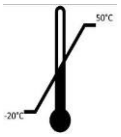
Caution Observe accompanying information - Observe notes



Voltage "Off" - Device switched off 2274

Conforms to European Union Directives with the participation of a Notified Body

Use of 1A slow-blow fuse



Labelling on the packaging: Transport and storage only within this temperature range -20°C to +50°C

Label on the packaging: Protect from direct sunlight!

Label on packaging: Protect from moisture and moisture

notes

notes

Care for a Healthy Life

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