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CARE PUMP

About

We are CarePump – a Polish manufacturer of **innovative pressotherapy devices** developed together with lymphology experts.

20 years of presence on the market with our parent company BardoMed and dealing with the equipment dedicated to physiotherapy, sport and broadly understood rehabilitation gave us the foundation to create the CarePump brand.

CarePump is efficiency, technology and experience combined. These are new-generation lymphatic drainage devices intended for a wide range of applications.

Through continuous development and cooperation with specialists and research centers, our mission is to produce **technologically advanced devices** that eliminate health problems and are user-friendly, also for people with disabilities.

As BardoMed, we comply with the requirements of the PN-EN **ISO 13485:2016-04** standard for the design, production, sales, and servicing of lymphatic drainage devices.



Certificate of the Polish Lymphological Society

Our innovative devices from the **Advanced series** (for professional use) and **Economic series** (for home use) were created in close cooperation with the best specialists in the field of lymphology.

Experts from the Polish Lymphological Society, based on their extensive knowledge and experience in working with patients, have developed for us **therapeutic pre-programs,** which we have programmed in our devices.

Our solutions are based on **the most up-to-date knowledge in the field of lymphology,** which has also contributed to the modernisation of anti-stagnant therapy.

Lymphoedema I

Gradient	1 mmHg
Zalecany czas zabiegu	50 min.
Hold	3 s
Interval	3 s

Lymphoedema II

Gradient	1 mmHg
Zalecany czas zabiegu	50 min.
Hold	3 s
Interval	3 s

Lymphoedema III

Gradient	1 mmHg
Zalecany czas zabiegu	50 min.
Hold	3 s
Interval	0 s

Lymphoedema IV

Gradient	1 mmHg
Zalecany czas zabiegu	50 min.
Hold	3 s
Interval	0 s

Cellulite advanced

Gradient	1 mmHg
Zalecany czas zabiegu	60 min.
Hold	1 s
Interval	2 s

Venous oedema I

Gradient	3 mmHg
Zalecany czas zabiegu	45 min.
Hold	2 s
Interval	3 s

Venous oedema II

Gradient	3 mmHg
Zalecany czas zabiegu	45 min.
Hold	2 s
Interval	2 s

Lipoedema I

Gradient	2 mmHg
Time	60 min.
Hold	3 s
Interval	3 s

Lipoedema II

Gradient	2 mmHg
Zalecany czas zabiegu	60 min.
Hold	3 s
Interval	3 s

Prevention, relaxation

Gradient	0 mmHg
Zalecany czas zabiegu	60 min.
Hold	2 s
Interval	2 s

Regeneration

Gradient	4 mmHg
Zalecany czas zabiegu	45 min.
Hold	2 s
Interval	2 s

Post-injury therapy

Gradient	4 mmHg
Zalecany czas zabiegu	30 min.
Hold	2 s
Interval	2 s

All-chamber massage

Gradient	0 mmHg
Zalecany czas zabiegu	30 min.
Hold	2 s
Interval	3 s

Overcoming the barriers

According to the World Health Organization, 285 million people in the general population have problems with sight and 39 million of them are blind. Having vision loss or vision impairment is not an obstacle in the field of massage therapy.

With this in mind, we have equipped our Advanced series devices with **facilities for visually impaired and blind people.** Directional keypad, which together with voice commands, allows blind or visually impaired therapists to operate them.



High contrast mode
for visually impaired



Voice prompts and directional markings
for blind therapists

Solid construction and efficient components

Our devices are manufactured in Poland using **the highest quality components.**

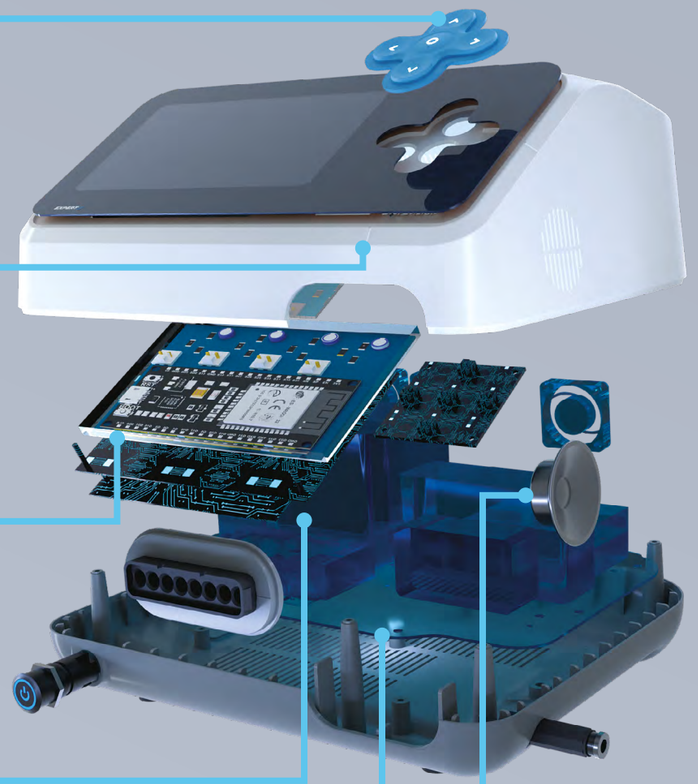
Particularly noteworthy are:

Original membrane keyboard with the possibility of non-visual operation

Tabs in the housing help blind people locate the keyboard

Dedicated electronics and proprietary operating system

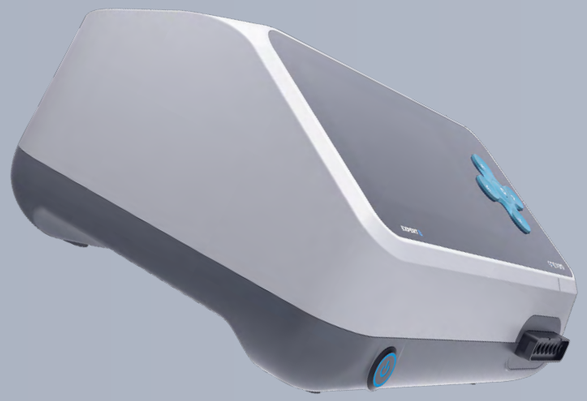
Efficient 12V pump with a lifespan of 10,000 h



Original design of the valve island assembly, enabling the use of a gradient function during the treatment

Sound notifications and voice prompts

Inclusive and simple design awarded by the Red Dot jury



reddot winner 2023



Our innovative ***EXPERT8*** lymphatic drainage device received one of the most prestigious awards in the field of design: the **Red Dot Design Award 2023** in the Medical Devices category.

The project of the device has been appreciated for its high quality and innovation. ***EXPERT8*** was designed for physiotherapists, including the visually impaired. Thanks to a large directional keyboard with special markings and voice prompts, they can support their daily work with pressotherapy treatments.

EXPERT8 housing and the visual side of the interface were designed by Husarska Design Studio – the winner of many national and foreign design awards. The entire project was preceded by research among future recipients in order to get to know their needs as best as possible. It has been ensured that the devices are ergonomic, comfortable to use, but also elegant.

CarePump series:

ADVANCED



ECONOMIC



SPORT



The CarePump Lymphatic Drainage System is divided into 3 lines dedicated to: **professionals** (physiotherapists and cosmetologists), **home users** and **athletes.** Each of the series takes into account the needs of the target group and has unique features depending on its intended use. All products are distinguished by modernity, easy operation and parameters that guarantee high effectiveness of treatments.

ADVANCED series

Professional stationary and mobile devices for physiotherapy and cosmetology offices giving almost unlimited possibilities in terms of treatment settings. Accredited by the Polish Lymphological Society.



PRO12

CPPRO12

12-chamber cuffs

18 operating modes

The most accurate massage

The largest number of therapeutic pre-programs

EXPERT8 DUO

CPEXPERT8DUO

8-chamber cuffs

13 operating modes

2 independent channels
(simultaneous therapy of two patients)

EXPERT8

CPEXPERT8

8-chamber cuffs

13 operating modes

Red Dot Design Award 2023 winner

reddot winner 2023

MOVE8 PRO

CPNMOVE8PRO

8-chamber cuffs

15 operating modes

Small housing and battery power
(perfect for mobile physiotherapists)

COMPACT4

CPCOMPACT4

4-chamber cuffs

6 operating modes

Advanced functionalities at an affordable price

COMING SOON!

COMING SOON!



Common features

- Certificate of the Polish Lymphological Society
- Therapeutic pre-programs designed by lymphology experts
- Programming your own algorithms
- List of favorite programs
- Pressure from 20 to 220 mmHg
- Individual pressure for each chamber
- The actual measurement of pressure in the cuff chambers
- PROgradient System (pressure drop in subsequent pumped chambers)
- Interval (pause between cycles) and Hold (maintain the pressure in the chambers) functions
- Reverse pumping system
- Password protection
- Features for visually impaired people (***PRO12***, ***EXPERT8 DUO***, ***EXPERT8***, ***COMPACT4***)
- Patient safety button (***PRO12***, ***EXPERT8 DUO***, ***EXPERT8***, ***COMPACT4***)
- Very precise parameters regulation
- Possibility of changing treatment parameters during operation
- Graphical information about the course of the treatment
- Multilingual menu
- Software update

ECONOMIC series

Easy-to-use stationary devices with high effectiveness intended for home lymphatic drainage treatments. Accredited by the Polish Lymphological Society.

LITE8

CPLITE8

8-chamber cuffs

8 operating modes

LITE6

CPLITE6

6-chamber cuffs

6 operating modes

LITE4

CPLITE4

4-chamber cuffs

4 operating modes



Common features

- Very easy and intuitive operation (select the program and set the pressure to start the treatment)
- Certificate of the Polish Lymphological Society
- Therapeutic pre-programs designed by lymphology experts
- Pressure from 20 to 220 mmHg
- The actual measurement of pressure in the cuff chambers
- Very precise parameter regulation
- Convenient knob for adjusting parameters
- Possibility of changing treatment parameters during operation
- Graphical information about the course of the treatment
- Possibility to disable individual chambers in the cuffs
- Patient safety button
- Multilingual menu
- Software update

SPORT series

Mobile, battery-powered devices designed for athletes, trainers and sports physiotherapists enabling to perform the treatment in any conditions, also outdoors. Sold with a backpack for convenient transport.



MOVE8

CPNMOVE8

8-chamber cuffs

6 operating modes

MOVE6

CPNMOVE6

6-chamber cuffs

6 operating modes

MOVE4

CPNMOVE4

4-chamber cuffs

6 operating modes



Common features

- Small size and weight
- Replaceable battery
- 6 operating modes adapted to the needs of athletes (warm-up, prevention, regeneration, wellness, post-injury therapy, oedema therapy, all-chamber massage, mixed mode)
- Innovative mixed mode allows to combine available modes during one treatment
- Pressure from 20 to 220 mmHg
- PROgradient System (pressure drop in subsequent pumped chambers)
- The actual measurement of pressure in the cuff chambers
- Very precise parameter regulation
- Possibility of changing treatment parameters during operation
- Graphical information about the course of the treatment
- Possibility to disable individual chambers in the cuffs, e.g. to avoid injured areas
- High contrast option on the screen
- Password protection
- Multilingual menu
- Software update
- Convenient backpack for transport

Comparison of models

	PRO12	EXPERT8DUO	EXPERT8	MOVE8PRO	COMPACT4	LITE8	LITE6	LITE4	MOVE8	MOVE6	MOVE4
Line/series	Advanced	Advanced	Advanced	Advanced	Advanced	Economic	Economic	Economic	Sport	Sport	Sport
Target group	B2B	B2B	B2B	B2B	B2B/B2C	B2C HomeCare	B2C HomeCare	B2C HomeCare	B2C Sport	B2C Sport	B2C Sport
Number of chambers	12	8	8	8	4	8	6	4	8	6	4
Max. pressure [mmHg]	220	220	220	220	220	220	220	220	220	220	220
Therapeutic pre-programs	18	13	13	15	6	8	6	4	6	6	6
Certificate of the Polish Lymphological Society	✓	✓	✓	✓	✓	✓	✓	✓			
Number of independent channels	1	2	1	1	1	1	1	1	1	1	1
Graphical presentation of pre-programs progress	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
User's own programs	✓	✓	✓	✓	✓						
List of favourite programs	✓	✓	✓	✓	✓						
Actual pressure measurement in the chambers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Precise regulation of pressure, time and speed in steps of 1, 5, 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Setting individual pressure in each chamber	✓	✓	✓	✓	✓				✓	✓	✓
'Smart Gradient' function	✓	✓	✓	✓	✓				✓	✓	✓
'Interval' function	✓	✓	✓	✓	✓						
'Hold' function	✓	✓	✓	✓	✓						
Backpack included				✓					✓	✓	✓
Battery powered				✓					✓	✓	✓
Features for visually impaired people	✓	✓	✓		✓						
Change of language	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Voice commands	✓	✓	✓		✓						
Display size [inch]	9	9	7	7	5	5	5	5	7	7	7
Weight [kg]	5,5	5,8	3,6	2,9	3,1	3,2	3,1	2,9	2,9	2,8	2,5
Dimensions [cm]	38,5x31x18	38,5x31x18	30x26x16	29x13x13	30x26x16	30x26x16	30x26x16	30x26x16	29x13x13	29x13x13	29x13x13

Wide range of accessories

For all our devices, we offer a large selection of cuffs for various body parts.

8-chamber cuffs



8-chamber leg cuffs

Available variants:

- 8-chamber right leg cuff **CPLEG8TR**
- 8-chamber left leg cuff **CPLEG8TL**
- 2 x 8-chamber leg cuff **CPLEG8TLRDC**

Also available:

- Extension zipper for 8-chamber leg cuff **CPLEGEXT8**
- Double splitter (long - 150 cm) for 8-chamber devices **CPDOUBLECONNECTOR8L**





8-chamber arm, shoulder and chest cuffs

Available variants:

- 8-chamber right arm, shoulder and chest cuff **CPARMSB8TR**
- 8-chamber left arm, shoulder and chest cuff **CPARMSB8TL**
- 8-chamber double cuff for arms, shoulders and chest **CPDOUBLEARM8T**

Also available:

- 2 x Extension zippers for 8-chamber double cuff for arms, shoulders and chest **CPDOUBLEARMEXT8**
- Double splitter for 8-chamber devices **CPDOUBLECONNECTOR8**





8-chamber arm cuff

Available variants:

- 8-chamber arm cuff **CPARM8T**



8-chamber full pants

Available variants:

- 8-chamber full pants **CPLONGPANTS8T**

Also available:

- 2 x Extension zippers for 8-chamber full pants **CPLONGPANTSEXT8**



8-chamber short pants

Available variants:

- 8-chamber short pants **CPSHORTPANTS8T**

Also available:

- 2 x Extension zippers for 8-chamber short pants **CPSHORTPANTSEXT8**



8-chamber waist cuff

Available variants:

- 8-chamber waist cuff **CPWAIST8T**

6-chamber cuffs



6-chamber leg cuffs

Available variants:

- 6-chamber right leg cuff **CPLEG6TR**
- 6-chamber left leg cuff **CPLEG6TL**
- 2 x 6-chamber leg cuff **CPLEG6TLRDC**

Also available:

- Extension zipper for 6-chamber leg cuff **CPLEGEXT6**
- Double splitter (long - 150 cm) for 6-chamber devices **CPDOUBLECONNECTOR6L**





6-chamber arm, shoulder and chest cuffs

Available variants:

- 6-chamber right arm, shoulder and chest cuff **CPARMSB6TR**
- 6-chamber left arm, shoulder and chest cuff **CPARMSB6TL**
- 6-chamber double cuff for arms, shoulders and chest **CPDOUBLEARM6T**

Also available:

- 2 x Extension zippers for 6-chamber double cuff for arms, shoulders and chest **CPDOUBLEARMEXT6**
- Double splitter for 6-chamber devices **CPDOUBLECONNECTOR6**





6-chamber arm cuff

Available variants:

- 6-chamber arm cuff **CPARM6T**



6-chamber full pants

Available variants:

- 6-chamber full pants **CPLONGPANTS6T**

Also available:

- 2 x Extension zippers for 6-chamber full pants **CPLONGPANTSEXT6**



6-chamber short pants

Available variants:

- 6-chamber short pants **CPSHORTPANTS6T**

Also available:

- 2 x Extension zippers for 6-chamber short pants **CPSHORTPANTSEXT6**



6-chamber waist cuff

Available variants:

- 6-chamber waist cuff **CPWAIST6T**

4-chamber cuffs



4-chamber leg cuffs

Available variants:

- 4-chamber right leg cuff **CPLEG4TR**
- 4-chamber left leg cuff **CPLEG4TL**
- 2 x 4-chamber leg cuff **CPLEG4TLRDC**

Also available:

- Extension zipper for 4-chamber leg cuff **CPLEGEXT4**



4-chamber short pants

Available variants:

- 4-chamber short pants **CPSHORTPANTS4T**

Also available:

- 2 x Extension zippers for 4-chamber short pants **CPSHORTPANTSEXT4**



4-chamber waist cuff

Available variants:

- 4-chamber waist cuff **CPWAIST4T**



4-chamber arm cuff

Available variants:

- 4-chamber arm cuff **CPARM4T**

- Double splitter (long - 150 cm) for 4-chamber devices **CPDOUBLECONNECTOR4L**



- Double splitter for 4-chamber devices **CPDOUBLECONNECTOR4**



Accessories

- CarePump Backpack **CPBPACK**



- Patient's safety button **SAFETYBUTTON**





- Battery for MOVE devices
- V1 **CPMOVEBAT**
- V2 **CPMOVEBATV2**



- Disposable foil inserts (for arm and leg cuff)
- 20 pieces **CPFOIL_20**
- 100 pieces **CPFOIL_100**



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