

INSTRUCTIONS FOR USE

en

Liposat®/Vibrasat® Footswitch



IMPORTANT

READ CAREFULLY BEFORE USE

KEEP THESE INSTRUCTIONS FOR FUTURE CONSULTATION

© Möller Medical GmbH
All rights reserved.

No part of this documentation may be reproduced or translated in any way whatsoever without prior written approval from Möller Medical GmbH. The status of the information, specifications and figures in these instructions for use is indicated by the version number on the last page. Möller Medical GmbH reserves the right to make changes to the technology, functions, specifications, design and information at any time and without prior notification.
Möller Medical GmbH, Wasserkuppenstraße 29-31, 36043 Fulda, Germany

Contents

1	General safety information	5
1.1	Explanation of the safety symbols used.....	5
1.1.1	Symbols in the instructions for use.....	5
1.1.2	Symbols appearing on the device	5
1.1.3	Additional symbols on the retail packaging	6
1.2	Warning notices.....	6
1.3	Further information	6
2	Product description.....	7
2.1	Intended use	7
2.2	Liposat®/Vibrasat® footswitch.....	7
2.2.1	Liposat®/Vibrasat® footswitch (1-pedal)	7
2.2.2	Liposat®/Vibrasat® footswitch (3-pedal)	8
2.3	Plug in Liposat®/Vibrasat® footswitch.....	8
3	Troubleshooting	9
4	Disposal.....	10
5	Storage conditions/technical characteristics.....	11

General safety information

1 General safety information

1.1 Explanation of the safety symbols used

Important information is indicated visually in these instructions for use. This information is necessary for preventing hazards to patients, operating personnel and third parties, as well as for avoiding damages or malfunctioning of the device.

1.1.1 Symbols in the instructions for use



Caution



Information or help

1.1.2 Symbols appearing on the device



Article number



Production lot number, batch



Unique identifier of a medical device



Medical devices



Date of manufacture (YYYY-MM-DD)



Manufacturer



Consult instructions for use

IPX7

Protection against strong jets of water or against the ingress of water in the event of brief immersion

IPX8

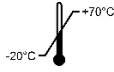
Protection against strong jets of water or against the ingress of water in the event of extended immersion



Return and disposal as per the WEEE Directive

General safety information

1.1.3 Additional symbols on the retail packaging



Temperature limitation



Packaging unit



Return and disposal as per the WEEE Directive

Rx ONLY

Caution: Under US federal law, this device may be only sold to a physician or ordered by a physician.

Further information about the symbols used can be found on our website:

www.moeller-medical.com/glossary-symbols

1.2 Warning notices



- The devices must not be modified
- No liquids may penetrate the current carrying parts of the device
- When cleaning, ensure that no cleaning agent gets into the connector sockets
- Disconnect the power cable before cleaning
- Replace any connecting cables if there is even minor damage and take care not to roll over the cables
- Keep the cables away from heat sources. This prevents the insulation from melting, which could cause a fire or an electric shock
- Do not use force to push plugs into sockets
- When removing plugs, do not pull on the cables To remove, release the plug lock if necessary
- Do not subject the devices to strong heat or fire
- Do not subject the devices to hard impacts
- If heat, fumes or smoke appear, disconnect the devices from the mains immediately

1.3 Further information

Observe the further information and notes in the following instructions for use.

Instructions for use	
Liposat® Pro and Liposat® Pro plus	Vibrasat® Pro
Liposat® power	Vibrasat® power

*Table 1:
Referenced instructions for use*

All instructions for use are available in various languages on our website at:

www.moeller-medical.com/ifu-ga

Product description

2 Product description

2.1 Intended use

Using the Liposat® / Vibrasat® footswitch, the devices from the Vibrasat® and Liposat® series can be controlled remotely.

2.2 Liposat® / Vibrasat® footswitch

Two Liposat® / Vibrasat® footswitch can be connected to the devices at the same time (applicable to Pro units). The two connection sockets on the rear panel are equivalent and the Liposat® / Vibrasat® footswitch behave identically. The connection sockets have coloured ring markings. If available, attach the matching coloured cable markers to the cables of the Liposat® / Vibrasat® footswitch to reliably identify correct positioning.



- When plugging in the footswitch, make sure that the notch on the plug points upwards and thus fits into the socket. Assembly the other way around causes the devices to malfunction.

You can use the additional cable markings to colour-code the Liposat® / Vibrasat® footswitch of your other Möller Medical devices and thus better distinguish them. The Liposat® / Vibrasat® footswitch is equivalent to the setting options of the Liposat® and Vibrasat® devices.

2.2.1 Liposat® / Vibrasat® footswitch (1-pedal)



Figure 1:
Liposat® / Vibrasat® footswitch (1-pedal)

The devices can be started and stopped by pressing the button.

The 1-pedal Liposat® / Vibrasat® footswitch have the following order numbers:

Designation	Order no.
Liposat® / Vibrasat® footswitch (1-pedal, 2 m cable length)	93003545
Liposat® / Vibrasat® footswitch (1-pedal, 5 m cable length)	00003982

Table 2:
Order numbers Liposat® / Vibrasat® footswitch (1-pedal)

Product description

2.2.2 Liposat® / Vibrasat® footswitch (3-pedal)

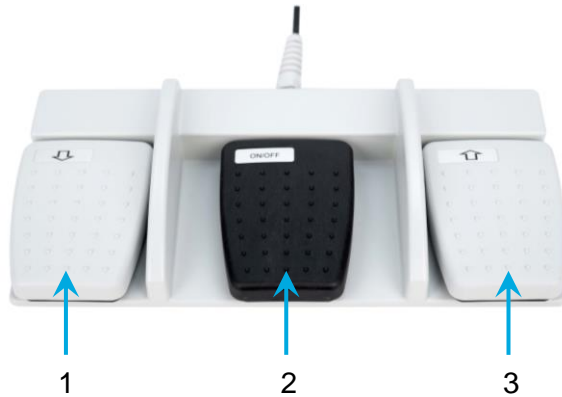


Figure 2:
Liposat® / Vibrasat® footswitch (3-pedal)

No.	Designation
1	Down button
2	On/Off button
3	Up button

Table 3:
Designation

The devices can be started and stopped by pressing the On/Off button. The vibration or the conveying speed can be adjusted using the up and down buttons.

The 3-pedal Liposat® / Vibrasat® footswitch have the following order numbers:

Designation	Order no.
Liposat® / Vibrasat® footswitch (3-pedal, 2 m cable length)	93003517
Liposat® / Vibrasat® footswitch (3-pedal, 5 m cable length)	00003981

Table 4:
Order numbers Liposat® / Vibrasat® footswitch (3-pedal)

2.3 Plug in Liposat® / Vibrasat® footswitch

The plugs of the Liposat® / Vibrasat® footswitch and the sockets each have a guide rail. The guide rails of the two must engage with each other, otherwise they could be damaged during connection.

1. Align the guide rail of the socket and the plug with each other
2. Push the plug into the socket so that the guide rails engage with each other; no resistance should be felt
3. As soon as greater resistance is felt, stop and check the alignment of the guide rails
4. Tighten the lock nut by hand
5. Gently moving the plug can make it easier to tighten

Troubleshooting

3 Troubleshooting

Foot switch does not react	The connection cable of the foot switch is not connected or has been plugged in incorrectly. Check the plug connection.
If the specified measure remains unsuccessful, contact the service centre of Möller Medical GmbH.	

Möller Medical GmbH service centre:

Möller Medical GmbH

Wasserkuppenstrasse 29-31
36043 Fulda, Germany

Tel. +49 (0) 661 / 94 19 5 – 0
Fax +49 (0) 661 / 94 19 5 – 850
<http://www.moeller-medical.com>
info@moeller-medical.com

Service

Tel.: +49 (0) 661 94195 - 108
Fax: +49 (0) 661 94195 - 850
E-mail: service@moeller-medical.com



Disposal

4 Disposal



This device contains materials that must be disposed of according to environmental protection laws. The European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE2) applies to these devices. This device thus bears the symbol with a crossed out bin on the rating plate.

Return devices that are no longer used to Möller Medical GmbH. This ensures that the devices are disposed of in compliance with the national requirements of the WEEE Directive.

Storage conditions/technical characteristics

5 Storage conditions/technical characteristics

Article number

Liposat® / Vibrasat® footswitch (1-pedal, 2 m cable length)	Order no. 93003545
Liposat® / Vibrasat® footswitch (1-pedal, 5 m cable length)	Order no. 00003982
Liposat® / Vibrasat® footswitch (3-pedal, 2 m cable length)	Order no. 93003517
Liposat® / Vibrasat® footswitch (3-pedal, 5 m cable length)	Order no. 00003981

Dimensions

Liposat® / Vibrasat® footswitch (1-pedal)	Width x height x depth: 140 mm x 45 mm x 105 mm	+ (cable length) + (2 m/5 m)
Liposat® / Vibrasat® footswitch (3-pedal)	Width x height x depth: 290 mm x 55 mm x 134 mm	+ (cable length) + (2 m/5 m)

Weight

Liposat® / Vibrasat® footswitch (1-pedal, 2 m cable length)	0.300 kg
Liposat® / Vibrasat® footswitch (1-pedal, 5 m cable length)	0.400 kg
Liposat® / Vibrasat® footswitch (3-pedal, 2 m cable length)	1.200 kg
Liposat® / Vibrasat® footswitch (3-pedal, 5 m cable length)	1.300 kg

Transport and storage information

Temperature	-10 °C to +50 °C
Humidity	< 90% relative humidity
Packaging dimensions Liposat® / Vibrasat® footswitch (1-pedal)	Width x height x depth: 80 mm x 250 mm x 140 mm
Packaging dimensions Liposat® / Vibrasat® footswitch (3-pedal)	Width x height x depth: 320 mm x 55 mm x 215 mm

Operating conditions

Temperature	+10 °C to +40 °C
Humidity	30% to 75% relative humidity
Atmospheric pressure	70.1 kPa – 101.3 kPa (3000-0 m MSL)

Protection type

Liposat® / Vibrasat® footswitch (1-pedal)	IP X7 (based on IEC 60601-1)
Liposat® / Vibrasat® footswitch (3-pedal)	IP X8 (based on IEC 60601-1)



Order number for
instructions for use
(REF) 93007903



Möller Medical GmbH
Wasserkuppenstrasse 29-31
36043 Fulda, Germany

Tel. +49 (0) 661 / 94 19 5 – 0
Fax +49 (0) 661 / 94 19 5 – 850
<http://www.moeller-medical.com>
info@moeller-medical.com

