

ACCESSORY MANUAL
V-ACTOR II Handpiece
For ShockMaster devices



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1 General information

1.1 Introduction

This manual describes the use of the V-ACTOR II handpiece as assigned certain standard accessory for the ShockMaster control units distributed by:

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This manual contains warnings, safety instructions and specific operating instructions in accordance with liability regulations.



CAUTION

Complete or partial failure to observe the instructions, information or procedures preceded by the term "CAUTION" may cause injury or fatal accidents.



ATTENTION

Complete or partial failure to observe the instructions, information or procedures preceded by the term "ATTENTION" may cause equipment damage.

NOTE

Additional information concerning specific features or operating instructions is preceded by the term "NOTE"

**CAUTION**

Before using the V-ACTOR II handpiece for the first time, please make sure you have read and understood all information provided in this operating manual.

Familiarity with the information and instructions contained in this manual is essential for ensuring efficient and optimal use of the system, for avoiding hazards to personnel and equipment and for obtaining good treatment results.



Thorough knowledge of the information included in this manual will also enable you to react promptly and effectively in the event of malfunctions or failures

1.2 V-ACTOR II



The V-ACTOR II is a “vibration-therapy” –handpiece, available as optional accessory for the ShockMaster control units, which may be used to complement the radial shockwave therapy. The V-ACTOR II handpiece allows the treatment of soft tissue with high frequency pulses.

Depending on the therapy to be performed, the handpiece can be equipped with the following

- V-ACTOR 25mm applicator (1)
- V-ACTOR 40mm applicator (2)



2 Installation

2.1 Unpacking

- Remove the handpiece from the packaging. Proceed with caution.
- Check that all items are included in the packaging and that they are not damaged.
- Contact your supplier or the manufacturer immediately if any items are missing or damaged.
- Retain the original packaging. It may prove useful for any later equipment transport.

2.2 Scope of the supply

V-ACTOR II with 2 applicators; 25mm and 40mm.

2.3 Handpiece connection

NOTE

Please also refer to the separate operating instructions of your control unit.

- Connect the connector of the V-ACTOR II handpiece to the handpiece connector provided on the respective control unit (1).
- Make sure that the red spot on the connector matches the red spot on the socket.



- Gently pushing the plug into the connector will immediately lock the access and will prevent the connector from disengaging automatically when the cable is pulled.

- Place the V-ACTOR into the V-actor holder, after installing the V-actor holder.

ShockMaster300



ShockMaster500



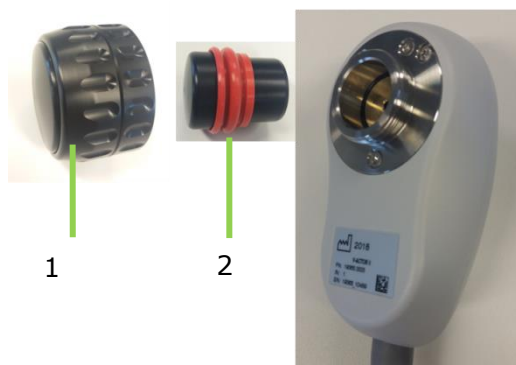
- To break the connection, pull the outside of the plug body. This means the locking function is initially released, then the plug is pulled out of the handpiece connector. (2)

2.3.1 Compatibility

The V-ACTOR II handpiece can be connected to the ShockMaster control units from the manufacturer GymnaUniphy NV.

2.3.2 How to change the transmitters

- To remove the 25 mm applicator, unscrew the black cap (1) from the handpiece and pull out the applicator. (2)



- Screw the new applicator on to the handpiece until finger tight.

3 Operation

3.1 General warnings and safety information

See the manual of the ShockMaster control unit.

NOTE

The V-ACTOR II is suitable to connect to the ShockMaster control units.

3.2 V-ACTOR II treatment parameter settings

After connecting the V-ACTOR II handpiece, the control unit automatically recognizes V-ACTOR II and operating mode will be available.

NOTE

For further information concerning display setup and menu navigation please refer to the separate operating manual of the ShockMaster control unit.

3.3 Functional checks

- Set the pressure to 2.0 bar
- Reset the actual number of pulses on the parameter display of the operating panel.
- Release pulses with a frequency of 5Hz
- Check that the triggered shocks are correctly counted on the treatment shock counter of the ShockMaster control unit.

3.4 Standard operation

- Connect the V-ACTOR II handpiece to the control unit
- Set the pressure to an initial value of 2.0 bar and a frequency of 20Hz.
- Start the V-ACTOR II treatment by pushing the trigger button.

3.5 Treatment



CAUTION

Always read chapter 3.1 SAFETY INSTRUCTIONS before starting a treatment.

NOTE

The use of maximal pressure level during treatment must not result in any uncomfortable pain for the patient.

- Treatment may be applied directly to the patient's skin or with textile as intermedium.
- Perform V-ACTOR II treatment as described in the application recommendations.

4 Cleaning



CAUTION

Flammable and volatile cleansing and disinfecting agents may generate an explosive atmosphere.

Disconnect the handpiece from the control unit before starting any cleaning and overhauling work.

ATTENTION

It is essential to prevent fluid penetrating into the unit or its tubing.

Regular cleaning of the system ensures perfect hygiene and operation of the ShockMaster V-ACTOR II handpiece.

The handpiece, in particular the applicator, must be thoroughly cleaned and disinfected after each therapy session.

- Remove dust with a dry cloth.
- If necessary, remove stains or dirt with a damp cloth.
- If required, clean the V-ACTOR with a non-aggressive soap solution or a 70% alcohol solution or any other agent suitable for surface disinfection that does not harm the material (lacquered sheet metal). In case of doubt, please consult an accepted list of disinfectants (e.g. the VAH list of disinfectants)
- Clean and disinfect the transmitter after each patient contact. Screw off the transmitter screw cap and pull out the transmitter insert if necessary.

4.1 Disposal

When disposing of the V-ACTOR II handpiece, no special measures have to be observed. Proceed in accordance with national regulations. At the end of its life time, the V-ACTOR II must be disposed of as electronic waste.

4.2 Repair

Repair work on defective equipment must only be carried out by authorized personnel. Only original spare parts may be used for this purpose.

See the user manual of the ShockMaster control unit.

5 Troubleshooting

Fault description	Possible cause	Corrective actions
No compressed air supply	Leaks on handpiece cable or cable not properly connected.	Check the cable connection and replace them if necessary. Check compressor (see User Manual control device)
No pulse output	Handpiece defective	Please contact the manufacturer or your Service department for help.

6 Accessories and spare parts

6.1 V-ACTOR II handpiece

ShockMaster V-ACTOR II BLACK	338.239
ShockMaster V-ACTOR 25mm Applic Black	338.668
ShockMaster V-ACTOR 40mm Applic Black	338.679

NOTE

For information on various applicators, please contact your distributor

7 Technical specifications

7.1 V-ACTOR II handpiece

- Operating frequency V-ACTOR II
 - SCM300 0.5 – 31 Hz
 - SCM500 0.5 – 35 Hz
- Compressed air input
 - ShockMaster 500 1 - 5 bar
 - ShockMaster 300 1 - 4 bar
- Operating conditions
 - Ambient temperature: 10 °C - 35 °C
 - Atmospheric pressure: 70 - 106 kPa
 - Relative humidity: 30% - 75%
- Storage and transport conditions
 - Ambient temperature: -20 °C – +60 °C
 - Atmospheric pressure: 50 - 106 kPa
 - Relative humidity: 5% - 90%, non-condensing
- Weight 370 g

8 Warranty

8.1 Warranty

The V-ACTOR II handpiece is a wear and tear part. We will replace new handpieces that have performed up to 1 million pulses at no charge to the customer upon the customer furnishing adequate proof that the defect is due to defects in material or workmanship. Transport costs and the risk of loss during the shipping of returned products shall be borne by the customer.

Warranty claims will only be accepted if the handpiece is returned in its complete and original state, cleaned and in the case (without accessories). Missing components will be replaced subject to charge. Applicators are not covered by the handpiece's warranty.



ATTENTION

Any unauthorized opening, repair or modification of the system by unauthorized personnel will relieve the manufacturer of its liability and responsibility for safe system operation. This will automatically void the warranty even before the end of the warranty period.

