



PRODUCT INFORMATION
Das Neptunus Lavage System

EFFECTIVE AND ENVIRONMENTALLY-CONSCIOUS SECOND GENERATION



In 2020, punctually for the product's 10th anniversary, we would like to present you with the new drive generation, Neptunus eMotion. Are you an orthopaedist or trauma surgeon who wants to work with state-of-the-art cementing technology? Is the effectiveness of your pulsed lavage very important to you and do you value high-performance irrigation with effective suction? Then you will like the new Neptunus eMotion system. You are choosing modern technology and a way of working that is kind to the environment. Join us in taking a valuable step towards the future. The functionality of the system and Roman mythology inspired us to call our system after Neptune, the God of running water.

The Lavage System – Neptunus eMotion

- 1 PHTHALATE-FREE IRRIGATION SET
- 2 INTUITIVE OPERATION
- 3 PATENTED ELECTROTECHNOLOGY
- 4 ALUMINIUM HOUSING
- 5 EFFECTIVE BAYONET FASTENING
- 6 STOP FUNCTION

Irrigation sets
Made from top quality materials
All flexible materials are free from PVC/phthalates/latex and are tested and labelled with the "phthalate-free" symbol.
The test of our sets by the Fresenius Institute also confirms this for you. For more information visit our website
www.Losch-medical.de

- More powerful
- Intuitive operation
- Patented electrotechnology
- Bayonet fastening
- 10% lighter
- Kind to the environment
- UDI-labelled

Neptunus eMotion is our message and our vision for a sustainable and environmentally-friendly future. The patented electrotechnology offers two alternative power settings enabling you to work in a targeted way. Our unique quality feature is high irrigation pressure with a low level of operating noise. The aluminium casing, which is made from a single piece, is both robust and ergonomic. Thanks to the use of phthalate-free irrigation attachments you achieve a high level of safety for your patients. The pulsed lavage system is an important basis for long-lasting cementation success. We are convinced that the best place for Neptunus eMotion pulsed lavage is your operating theatre!

The Neptunus eMotion in detail

Easy bayonet fastening

Intuitive operation

Patented electrotechnology

Major features
Two power levels: High/Low
Electrotechnology ensures high-performance irrigation pressure for cleansing and targeted anchorage in bone
Adjustable and removable splash shield with stop function
Appropriate suction size for safe removal of loose bone and tissue particles
Quiet operation
Environmentally-friendly thanks to the combination of tried and tested technology, reusable handpiece and single-use sets.
Made in Germany

What our clients say about Neptunus eMotion pulsed lavage:

We have been using the Neptunus pulsed lavage system for many years in the implantation of knee prostheses. Why has this system stood the test of time? Firstly, the effectiveness of this jet lavage is very high compared to the competition because you can switch intuitively between two intensity levels depending on the bone structure. Additionally, the evenly-fixed but removable front part can also be used universally to irrigate hard-to-reach sections of a joint. The shape and material consistency of the attachment makes it possible to irrigate without relevant spread and with effective suction. It is not necessary to change the suction tube on the operating theatre suction unit. With regard to the environment, the lavage system scores due to its reusability and PVC/phthalate-free materials. The new Neptunus eMotion model is even more convenient, quieter and more effective. For these reasons, we wholeheartedly recommend this system to others.
Priv.-Doz. Dr. med. Jens Anders | Chief Physician and Medical Director | Orthopaedic Department, Klinikum Dr. Erker, Nuremberg (previously used conventional single-use systems)

Hospitals as waste producers

With the Neptunus eMotion pulsed lavage system you are holding an innovative and environmentally-friendly product in your hands. With up to 75.78 % less plastic and electrical waste than occurs with the conventional single-use systems, we have been able to develop a product for you that benefits both the patient and our environment. The following example makes clear just how much waste is produced per year by single-use systems and, in a direct comparison with the Neptunus eMotion hybrid system, shows how much you can reduce the amount of waste when you invest in a long-lasting system. Currently, about 252,000 single-use systems are used per year in Germany!¹

¹ White Paper on Joint Replacement 2016.

ANNUAL STATISTICS FOR 3 SYSTEMS STATISTICS FOR 20 SYSTEMS STORAGE ADVANTAG

Comparison of annual waste production

This comparison of usage per year between our Neptunus eMotion and an outdated lavage system is based on **252,000 sets** (a normal annual average).

System	Plastic	Batteries
Neptunus eMotion	31.25 t plastic	0 batteries
Outdated system	129.02 t plastic	1,700,000 batteries

ANNUAL STATISTICS FOR 3 SYSTEMS STATISTICS FOR 20 SYSTEMS STORAGE ADVANTAG

Waste production Comparison of 3 sets

Comparison of the waste production of three Neptunus sets (left) and three conventional single-use systems (right).

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Waste production Comparison of 20 sets

Comparison of the waste production of Neptunus eMotion (left) and single-use systems (right), with 20 sets per column for each.

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Storage advantage Comparison of 3 sets

You can store ten Neptunus eMotion lavage systems in the storage space taken up by three conventional single-use jet lavage systems.

Comparison of the space required by ten Neptunus sets (left) and three conventional single-use systems (right).

Product	Contents per set/Name	Amount per packaging unit	Ordern no.
Handpiece	Drive unit	1 item	NES-001
Cable	Electronic control cable	1 item	NES-002
Power adapter	Power adapter	1 item	NES-003
Neptunus hip-knee set with suction	Irrigation set with suction including irrigation nozzle, short, irrigation nozzle, long, and splash shield	10 item	OMP-9100