

THE NEXT GENERATION OF THE PULSE LAVAGE

BlueLavage®

MADE IN GERMANY 

ENVIRONMENTALLY FRIENDLY
IRRIGATION SYSTEM



ENVIRONMENTALLY FRIENDLY



- No need to dispose of metal parts.
- No hazardous waste since no batteries are used.
- Reusable "Drive Unit".

USER FRIENDLY



- Self-explanatory design.
- Safe locking of the irrigation attachments.
- Colored LED display for readiness control.

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BlueLavage® - ENVIRONMENTALLY FRIENDLY AND INNOVATIVE PULSE LAVAGE



ENVIRONMENTALLY FRIENDLY

- No hazardous waste since no batteries are used.
- Avoid tons of hazardous waste (1,600,000 batteries with 200,000 applications).
- No need to dispose of metal parts.
- Operation with reusable Drive Unit.
- Drive unit designed for a maximum of 150 applications.
- Devices of competitors discard up to 8 batteries per use.
- Devices of competitor require the disposal of one electric motor, cables and metal parts made of different materials per each application.



USER FRIENDLY AND INNOVATIVE

- Colored LED readouts for readiness control.
- Transparent lid illuminated by LEDs.
- Self-explanatory design.
- Various irrigation attachments for different applications.
- Safe locking of the irrigation attachments.



BlueLavage® | MADE IN GERMANY

- Single Use, sterile.
- Lightweight since only plastic is used in the handpiece.
- Tubing system without harmful or banned plasticizers.
- Low noise.
- Flame retardant, high performance plastics.

BlueLavage® - THE NEXT GENERATION OF THE PULSE LAVAGE

The **BlueLavage®** is a sterile, single-use product in which no metal parts are installed and that thus can be completely disposed of as plastic waste.

The **BlueLavage®** requires no batteries for use. Instead, the **BlueLavage®** is powered with a rechargeable Drive Unit. The Drive Unit can be charged up to a maximum of 150 times.



By eliminating batteries and metal parts in the **BlueLavage®**, tons of hazardous waste can be avoided.

Four Drive Units can always be charged at the same time in the Dockingstation provided for the Drive Unit, so they are always at hand.

To check readiness, the Drive Unit is equipped with a colored LED display. The transparent lid of the **BlueLavage®** illuminates the LED display.

This ensures that the Drive Unit can always be replaced in good time.



The self-explanatory design makes handling the **BlueLavage®** quick and easy.

The **BlueLavage®** comes with an insertion funnel. This allows the sterile insertion of the Drive Unit.



BlueLavage®

REF. NO. BL2000.3

The **BlueLavage®** irrigation system consists of three essential components:

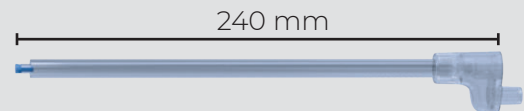
The **BlueLavage®** is delivered with insertion funnel and suction and irrigation tubing incl. connections for vacuum, reducing clamp and spike with protective cap.



Short funnel attachment for knee arthroplasty.



Long irrigation attachment for hip endoprosthesis.



Optional:
Femoral canal brush attachment, sterile.



PROPERTIES

- Disposable items, sterile.
- High speed flow rate over 1200 ml / min.
- Low speed flow rate 600 ml / min.
- Irrigation pressure of 15 PSI.



No need to dispose of metal parts. Tubing system without harmful or banned plasticizers.

Transparent lid illuminated by LEDs.

BlueLavage® DRIVE UNIT

REF. NO. BL2001.0



- The Drive Unit is designed for approx. 150 applications and a maximum usage of 2 minutes.








No hazardous waste since no batteries are used.



To check readiness, the drive unit is equipped with a colored LED display.

POWER AND STATUS INDICATORS

Light signal	Status
Continuous green light 	Ready for use
Continuous yellow light 	Charge after use
Fast yellow blinking 	Needs charging!
Slow yellow blinking 	Charging process active
Continuous red light 	Replace Drive Unit

PROPERTIES

- Cell voltage up to: 7.4 V.
- Capacity: 350 mAh to 450 mAh.
- Max. continuous discharge current: 10 C = 4.5 A.
- Nominal voltage: 7.4 V.
- Current consumption: 2.5 A to 3.5 A.
- Number of revolutions: 6,000 rpm to 11,000 rpm.



BlueLavage® - DOCKINGSTATION WITH POWER SUPPLY + ADAPTER

REF. NO. BL2002.XX

BlueLavage® Dockingstation with power supply + adapter

- Dockingstation for simultaneous charging of 4 drive units.
- Supply voltage Dockingstation 12 VDC.
- Output voltage Dockingstation 10 VDC.
- Supply voltage power supply 100 VAC -240 VAC.
- Output voltage power supply 12 VDC.



PROPERTIES

- Country-specific adapters for commercially available power supplies.
- Dimensions of Dockingstation:
Width 165 mm, height 55 mm, depth 146 mm.

BlueLavage®

INSERTING THE DRIVE UNIT

Insert the Drive Unit into the *BlueLavage*® with the insertion funnel. The sterile insertion funnel prevents contamination of the sterile *BlueLavage*® by the non-sterile Drive Unit.



Flip the lever to fix the Drive Unit in the *BlueLavage*®.

To remove the Drive Unit, flip the lever back.



Remove the funnel and close the sterile lid of the *BlueLavage*®.



BlueLavage®

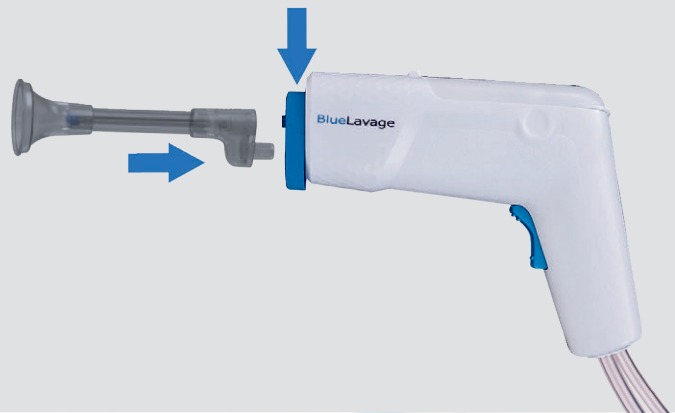
INSERTING THE DRIVE UNIT AND SELECTED IRRIGATION ATTACHMENT

By locking the lid, the system is locked.

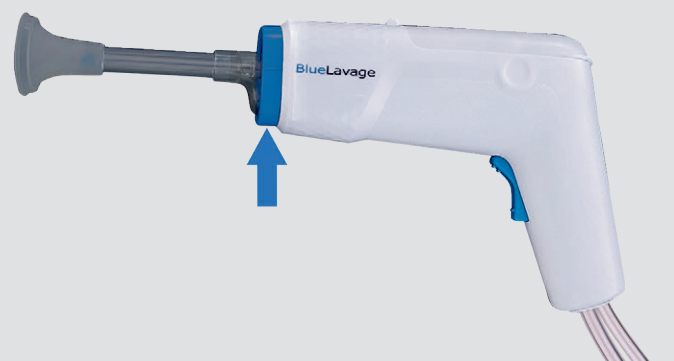
To open the lid, there are raised dots on both sides of the *BlueLavage*®. By simultaneously pressing the two dots, the lid can be opened.



The selected irrigation attachment can be inserted by sliding the blue lock.



Sliding the lock up once more securely fastens the irrigation attachment in place.



BlueLavage® OVERVIEW

REF. NO.	Description	Scope of supply
BL2000.3	BlueLavage® disposable system, short funnel tip, long irrigation tip, sterile	1 x Short funnel attachment for knee operations, length 125 mm 1 x Long attachment for hip surgery, length 240 mm 1 x 3 m irrigation tubing incl. reducing clamp and spike with protective cap 1 x 3 m suction tubing incl. reducing clamp and connection for vacuum pump 1 x Instructions for use
BL2001.0	BlueLavage® Drive Unit	1 x 2 pcs./unit (2 Drive Units)
BL2002.0	BlueLavage® Dockingstation	1 x Dockingstation



BlueLavage® OVERVIEW

REF. NO.	Description	Scope of supply
BL2002.02	BlueLavage® Dockingstation with power supply + adapter, EU	1 x Dockingstation 1 x Power supply 12 VDC output 1 x Plug adapter EU
BL2002.01	BlueLavage® power supply + adapter, EU	1 x Power supply 12 VDC output 1 x Plug adapter EU
BL2002.04	BlueLavage® Dockingstation with power supply + adapter, USA/JPN	1 x Dockingstation 1 x Power supply 12 VDC output 1 x Plug adapter USA/JPN
BL2002.03	BlueLavage® power supply + adapter, USA/JPN	1 x Power supply 12 VDC output 1 x Plug adapter USA/JPN

BlueLavage® OVERVIEW

REF. NO.	Description	Scope of supply
BL2002.06	BlueLavage® Dockingstation with power supply + adapter, AUS	1 x Dockingstation 1 x Power supply 12 VDC output 1 x Plug adapter AUS
BL2002.05	BlueLavage® power supply + adapter, AUS	1 x Power supply 12 VDC output 1 x Plug adapter AUS
BL2002.08	BlueLavage® Dockingstation with power supply + adapter, GB	1 x Dockingstation 1 x Power supply 12 VDC output 1 x Plug adapter GB
BL2002.07	BlueLavage® power supply + adapter, GB	1 x Power supply 12 VDC output 1 x Plug adapter GB

BlueLavage® OVERVIEW

REF. NO.	Description	Scope of supply
BL2002.10	BlueLavage® Dockingstation with power supply + adapter set, EU, USA/JPN, AUS, GB	1 x Dockingstation 1 x Power supply 12 VDC output 1 x Adapter set, EU, USA/JPN, AUS, GB
BL2002.09	BlueLavage® power supply + adapter set, EU, USA/JPN, AUS, GB	1 x Power supply 12 VDC output 1 x Adapter set, EU, USA/JPN, AUS, GB
BL2003.0	BlueLavage® Femoral canal brush attachment, sterile	1 x 10 pcs./unit (10 Femoral canal brushes)



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