

palajet® AC

**COMBINED PULSE LAVAGE SYSTEM CONSISTING OF
DISPOSABLE HANDPIECE AND REUSABLE POWER SUPPLY UNIT**



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COMBINED PULSE LAVAGE SYSTEM CONSISTING OF DISPOSABLE HANDPIECE AND REUSABLE POWER SUPPLY UNIT

palajet® AC Disposable Pulse Lavage System
handpiece/disposable system with easy adjustment of two flow rate settings

Fan Spray Nozzle/Knee Nozzle*
short with splash guard, for thorough cleaning during knee surgery

Femoral Nozzle/ Hip Nozzle*
long with protective cover, for thorough cleaning during hip surgery

Clamps
for additional regulation of flow rate and clean disposal

Saline connection hose
(with protective cap)

Suction hose

palajet® AC Power Adapter
reusable power supply unit

Cable and hoses
are connected and can be separated as required (total length: 3 m)

* Included in the palajet® AC system.

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PULSE LAVAGE AS PART OF THE MODERN CEMENTING TECHNIQUE

Modern cementing technique is critical for the long-term success of a cemented endoprosthesis. Cleaning the bone bed using a pulse lavage system is an essential element and the first step in the modern cementing technique, where all cement-receiving bone surfaces are thoroughly cleaned to remove any fat residue, bone debris, marrow, and blood.^{1,2}

The palaJet® AC system offers different attachments for the specific requirements of different endoprosthetic surgeries, which can be attached to the palaJet® handpiece using a click mechanism.



Femoral Nozzle/Hip Nozzle*

- Attachment for hip surgery
- Dimensions: 252 mm x 9 mm**



Femoral Brush Nozzle

- Attachment for hip surgery (with brush head)
- Dimensions: 252 mm x 16 mm**



Large Splash Shield

- Additional Splash Shield for Knee Nozzle and Shower Spray Nozzle
- Dimensions: 120 mm x 58 mm**



Fan Spray Nozzle/Knee Nozzle*

- Attachment for knee surgery
- Dimensions: 97 mm x 32.5 mm**



Shower Spray Nozzle

- Attachment for spinal surgery
- Dimensions: 97 mm x 32.5 mm**

1. Breusch SJ et al. Lavage technique in total hip arthroplasty: jet lavage produces better cement penetration than syringe lavage in the proximal femur. J Arthroplasty 2000; 15 (7): 921–927. | 2. Seeger JB et al. The effect of bone lavage on femoral cement penetration and interface temperature during Oxford unicompartmental knee arthroplasty with cement. J Bone Joint Surg Am 2013; 95 (1): 48–53.

All nozzles enable simultaneous cleaning and suction and allow to adjust the cleaning pressure.

* Included in the palaJet® AC system.

** The dimensions do not include the clip-on part.

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The powerful palaJet® AC system at a glance



simple design
and use

1,300
ml/min

high flow rate (up to 1,300 ml/min)
and pressure (up to 15 psi)



reusable AC adapter
saves batteries

Benefits of the palaJet® AC system

Ergonomic design

Handpiece with nozzle lock to secure the nozzle during the procedure.

Adjustable speed

Powerful irrigation pressure for orthopaedic applications and gentle pressure for wounds.

Less waste

Reusable AC adapter allows the riddance of any hazardous alkaline batteries and is an environmentally friendly option.

The use of the palaJet® AC system
can save up to **556,610** batteries* a year!

Product	Description	Content	REF
palaJet® AC Disposable Pulse Lavage System	Pulse-Lavage-System/Handpiece for single use, Knee and Hip Nozzle included	10	5203575
palaJet® AC Power Adapter	Reusable power adapter for palaJet® AC Disposable Pulse Lavage System/Handpiece	1	5203576
palaJet® Femoral Brush Nozzle	Attachment for hip surgery (with brush head)	5	5167807
palaJet® Shower Spray Nozzle	Attachment for spinal surgery	5	5167808
palaJet® Large Splash Shield	Splash Shield for Knee Nozzle and Shower Spray Nozzles	5	5167809
palaJet® Fan Spray Nozzle/Knee Nozzle	Attachment for knee surgery	5	5202875
palaJet® Femoral Nozzle/Hip Nozzle	Attachment for hip surgery	5	5202878

Simply order from Heraeus.

www.heraeus-medical.com



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* Data on file at Heraeus Medical GmbH
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