

# 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 (total length: 4.8m)

**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.<sup>1,2</sup>

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.

\* 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 reduction 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 UK	Reusable power adapter for palajet® AC Disposable Pulse Lavage System/ Handpiece	1	5206240
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.

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[www.heraeus-medical.com](http://www.heraeus-medical.com)



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