

PAJUNK®

FlowSys HF and EcoHF
Electrode systems for HF surgery



HF surgery

MADE IN GERMANY

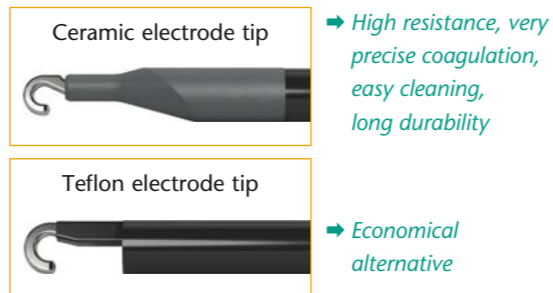
Comprehensive assortment

Electrode systems for HF surgery

PAJUNK® offers various solutions for HF surgery:

- Adaptable HF electrodes to extend the functional range of the modular instrument system suction and irrigation
- HF single electrodes with integrated handle in different designs

Depending on the product group, the electrode tips are made of teflon or harder wearing ceramic, which is very easy to clean.



Modular instrument system Series 1299 with adaptable monopolar HF electrodes

FlowSys Ergo HF and FlowSys Eco HF

Both handles are easy to operate for both left-handed and right-handed users. The suction and irrigation strength can be infinitely adjusted via a controller.

FlowSys HF and FlowSys Twin HF

The handles with trumpet valve are available in two versions – with single or double trumpet valve.

Four handles with HF connection:

FlowSys Ergo HF



FlowSys Eco HF
chrome-plated or in stainless steel



FlowSys HF



FlowSys Twin HF



HF single electrodes with integrated handle

EcoHF Series 2002

- ✓ Coagulation
- ✓ Combined disposable/reusable (Disposable electrode/reusable handle)



Handle HF-C Series 2000

- ✓ Coagulation
- ✓ Reusable



Flow Handle HF Series 2000

(Details see order section)

- ✓ Suction/Irrigation
- ✓ Coagulation
- ✓ Reusable



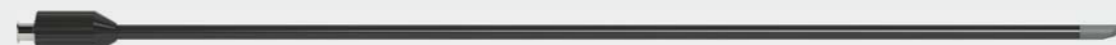
Adaptable HF electrodes with suction/irrigation channel Series 1299:

FlowTube HF / HF-C: Adaptable, monopolar HF electrodes made of ceramic or teflon

Suitable for:



- ✓ Suction/Irrigation
- ✓ Coagulation
- ✓ Reusable



FlowTube HF RET / HF-C RET: Retractable, adaptable monopolar HF electrodes made of ceramic or teflon

Suitable for:



- ✓ Suction/Irrigation
- ✓ Coagulation
- ✓ Reusable



Adaptable HF electrodes with suction / irrigation channel Series 1299

Suitable for:

- Suction/Irrigation
- Coagulation
- Reusable

FlowTube HF / HF-C: Adaptable, monopolar HF electrodes made of ceramic or teflon

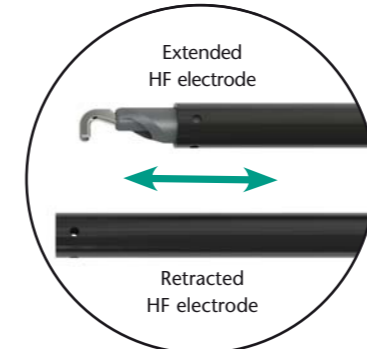
This HF electrode has a Luer Lock connection which, together with an additional sealing system, also protects the system against liquid ingress. HF electrode come with either teflon or ceramic tip and always with integrated suction/irrigation channel.



Integrated suction/irrigation channel

FlowTube HF RET / HF-C RET: Retractable, adaptable monopolar HF electrodes made of ceramic or teflon

With the retractable monopolar HF electrodes, the electrode tips can be completely retracted into the suction/irrigation tube. The HF electrodes can be rotated, retracted and extended with one hand thanks to the ring gear.



The ring gear is pushed towards the tip – at the same time the outer tube slides over the electrode.

The handle of short distances

FlowSys Ergo HF

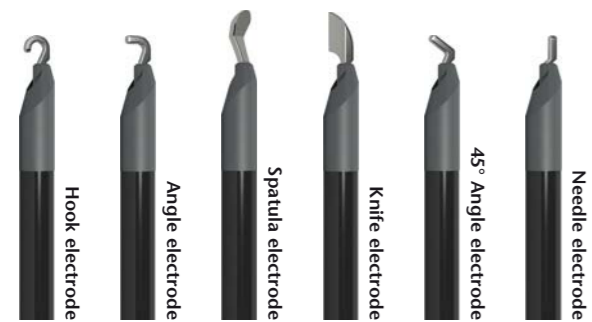


→ Perfected ergonomics – optimised operating angle for fatigue-free work



→ Simple fine control of the suction/irrigation volume or of the fume extraction system

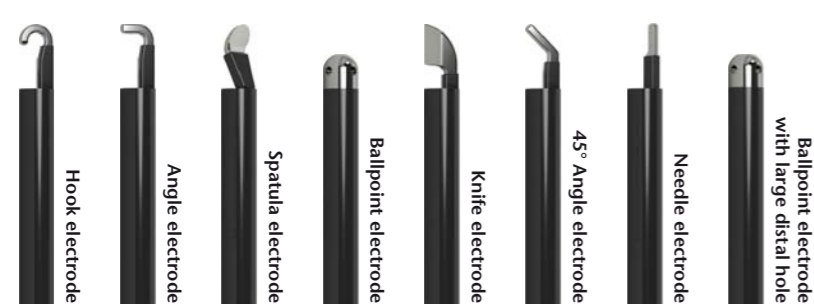
FlowTube HF-C electrode attachments made of ceramic Series 1299



FlowTube HF-C RET electrode attachments made of ceramic Series 1299



FlowTube HF electrode attachments made of teflon Series 1299



FlowTube HF RET electrode attachments made of teflon Series 1299

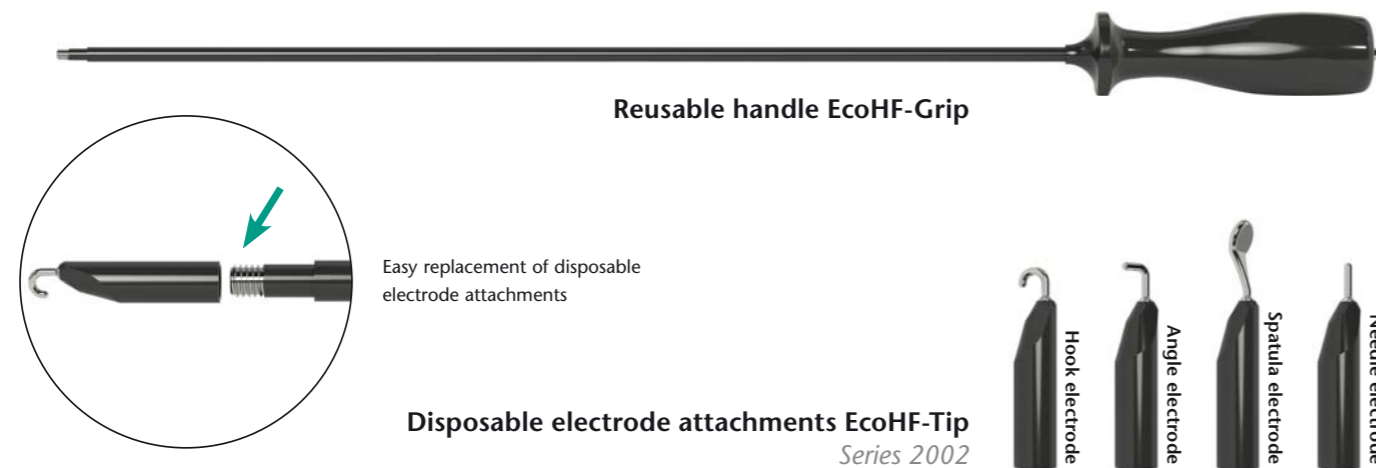


HF single electrodes with integrated handle

EcoHF: Reusable handle with disposable electrode attachments *Series 2002*

- Coagulation
- Combined disposable/reusable system

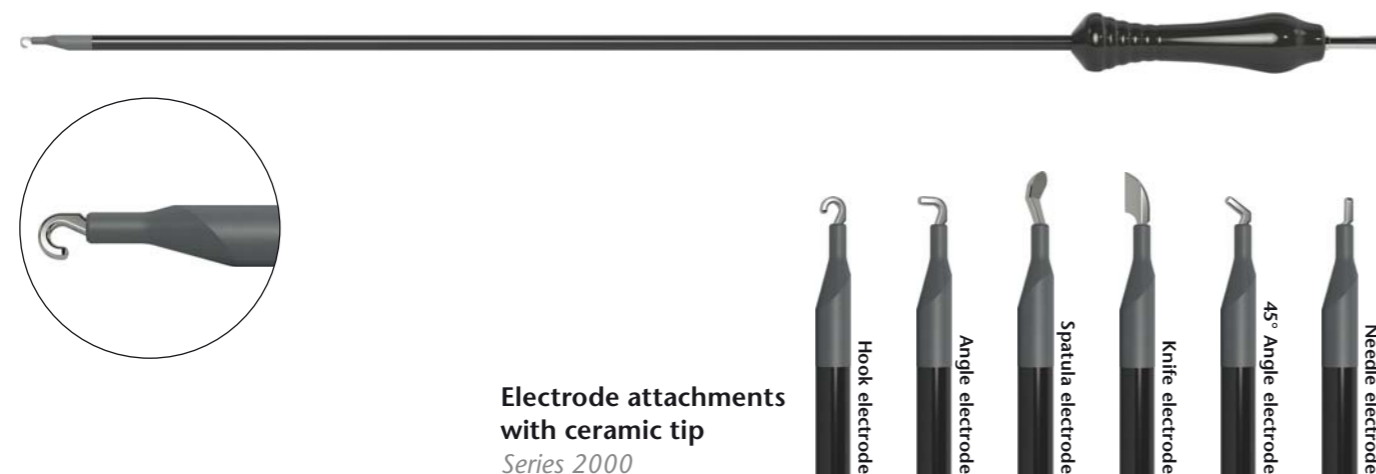
This combined disposable/reusable system allows the user a flexible selection of the optimal electrode geometry for the respective application. The system is made of high-quality insulation material (PEEK) and ensures safe operation even at high voltages.



Handle HF-C: Reusable single electrodes *Series 2000*

- Coagulation
- Reusable

In this version, the suction/irrigation channel is not installed, which makes cleaning considerably easier.



Monopolar HF-electrodes/handles

At a glance

FlowSys

| Product | Article description | Item no. |
|-----------------|---|------------|
| FlowSys HF | Trumpet valve handle with rotary adapter | 1299-01-00 |
| FlowSys Twin HF | Handle with double trumpet valve, removable ergonomic grip plate, 2 connectors LL female | 1299-41-00 |
| FlowSys Eco HF | Pistol handle, with rotary adapter and maintenance-free chrome-plated 2-way valve | 1299-61-00 |
| FlowSys Eco+ HF | Pistol handle, with rotary adapter and maintenance-free 2-way valve in stainless steel | 1299-62-00 |
| FlowSys Ergo HF | Ergonomic pistol handle with rotary adapter and maintenance-free 2-way valve in stainless steel | 1299-81-00 |

FlowTube HF / FlowTube HF-C

| Product | Article description | Working length | Item no. Ø 5 mm |
|---|--|----------------|-----------------|
| FlowTube HF (teflon) adaptable, monopolar | Hook electrode | 340 mm | 1299-00-11 |
| | Angle electrode | 340 mm | 1299-00-12 |
| | Spatula electrode | 340 mm | 1299-00-13 |
| | Ballpoint electrode | 340 mm | 1299-00-14 |
| | Knife electrode | 340 mm | 1299-00-15 |
| | 45° Angle electrode | 340 mm | 1299-00-16 |
| | Needle electrode | 340 mm | 1299-00-17 |
| | Ballpoint electrode, with large distal hole Ø 2.5 mm | 340 mm | 1299-00-24 |
| Suction-irrigation pipe, insulated | 340 mm | 1299-00-30 | |
| FlowTube HF-C (with ceramic tip) adaptable, monopolar | Hook electrode | 340 mm | 1299-01-11 |
| | Angle electrode | 340 mm | 1299-01-12 |
| | Spatula electrode | 340 mm | 1299-01-13 |
| | Knife electrode | 340 mm | 1299-01-15 |
| | 45° Angle electrode | 340 mm | 1299-01-16 |
| | Needle electrode | 340 mm | 1299-01-17 |

FlowTube HF RET / FlowTube HF-C RET

| Product | Article description | Working length | Item no. Ø 5 mm |
|--|---------------------|----------------|-----------------|
| FlowTube HF RET (teflon) retractable, adaptable, monopolar | Hook electrode | 340 mm | 1299-10-11 |
| | Angle electrode | 340 mm | 1299-10-12 |
| | Spatula electrode | 340 mm | 1299-10-13 |
| | Knife electrode | 340 mm | 1299-10-15 |
| | 45° Angle electrode | 340 mm | 1299-10-16 |
| | Needle electrode | 340 mm | 1299-10-17 |
| FlowTube HF-C RET (with ceramic tip) retractable, adaptable, monopolar | Hook electrode | 340 mm | 1299-11-11 |
| | Angle electrode | 340 mm | 1299-11-12 |
| | Spatula electrode | 340 mm | 1299-11-13 |
| | Knife electrode | 340 mm | 1299-11-15 |
| | 45° Angle electrode | 340 mm | 1299-11-16 |
| | Needle electrode | 340 mm | 1299-11-17 |

HF electrodes with integrated handle

At a glance



EcoHF

| Product | Article description | Working length | Item no. Ø 5 mm |
|------------|---|------------------|--------------------------|
| EcoHF-Grip | Handle with HF connector without attachment, reusable | 340 mm 440 mm | 2002-00-00 2002-00-01 |
| EcoHF-Tip | J Disposable electrode attachment, hook electrode, sterile PU: 10 pieces | | 2002-00-11 |
| | L Disposable electrode attachment, angle electrode, sterile Unit: 10 pieces | | 2002-00-12 |
| | P Disposable electrode attachment, spatula electrode, sterile Unit: 10 pieces | | 2002-00-13 |
| | I Disposable electrode attachment, needle electrode, sterile PU: 10 pieces | | 2002-00-17 |



Handle HF-C

| Product | Article description | Item no. Working length 340 mm | Item no. Working length 440 mm |
|--|---------------------|--------------------------------|--------------------------------|
| Handle HF-C (with ceramic tip) with integrated handle, monopolar, Ø 5 mm | Hook electrode | 2000-01-11 | 2000-11-11 |
| | Angle electrode | 2000-01-12 | 2000-11-12 |
| | Spatula electrode | 2000-01-13 | 2000-11-13 |
| | Knife electrode | 2000-01-15 | 2000-11-15 |
| | 45° Angle electrode | 2000-01-16 | 2000-11-16 |
| | Needle electrode | 2000-01-17 | 2000-11-17 |



Flow Handle HF

| Product | Article description | Item no. Working length 340 mm | Item no. Working length 440 mm |
|---|---------------------|--------------------------------|--------------------------------|
| Flow Handle HF with lateral suction possibility, Ø 5 mm | Hook electrode | 2000-00-11 | 2000-10-11 |
| | Angle electrode | 2000-00-12 | 2000-10-12 |
| | Spatula electrode | 2000-00-13 | 2000-10-13 |
| | Ballpoint electrode | 2000-00-14 | 2000-10-14 |
| | Knife electrode | 2000-00-15 | 2000-10-15 |
| | 45° Angle electrode | 2000-00-16 | 2000-10-16 |
| | Needle electrode | 2000-00-17 | 2000-10-17 |



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