



अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर  
All India Institute of Medical Sciences, Gorakhpur

(स्वास्थ्य एवं परिवार कल्याण मंत्रालय भारत सरकार द्वारा स्थापित एक स्वायत्त निकाय)

(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

No.: AIIMS/GKP/Admn/2025-26/ 3407 (Comp: 5785)

Date: 17.02.2026

**Subject: Proposal for the procurement of Integrated Surgical Workstation (RF Energy, Argon Plasma Coagulation & Water-Jet Dissection System) for Dept of Pediatric Surgery AIIMS Gorakhpur.**

The Department of **Pediatric Surgery AIIMS Gorakhpur**, proposes the procurement of **Integrated Surgical Workstation (RF Energy, Argon Plasma Coagulation & Water-Jet Dissection System)**, (Make: ERBE,). The requested Equipment is propriatry equipment and are proposed to be procured under a Proprietary Article Certificate (PAC) through the authorized dealer, M/s PCL Healthcare Limited 2, Maqbara Road Gorund floor, punn building, Hazratganj, Lucknow, as per Annexure-1 (PAC document).

The above-mentioned proposal/document is being uploaded for open information. Any firm or manufacturer having objections or comments regarding the propriatry nature of the equipment/accessories/items may submit the same within 14 days from the date of issue/uploading of this notification.

Comments/objections, if any, should be addressed to:

Administrative Officer

AIIMS, Gorakhpur

On or before 03<sup>rd</sup> March. 2026 up to 17:00 Hrs

Email: [procurementcell@aiimsgorakhpur.edu.in](mailto:procurementcell@aiimsgorakhpur.edu.in)

[aofficeaiimgkp@gmail.com](mailto:aofficeaiimgkp@gmail.com)

Failing which, it will be presumed that there are no comments to offer, and the case will be decided on merits.

Sd/ — S/D

Administrative Officer  
AIIMS Gorakhpur

## **Technical Specification for Surgical WorkStation consists of Combined High-End Radio frequency, Energy, Water Jet , APC with Automatic Surgical Smoke Evacuation System**

An integrated RF, with Argon and Kinetic energy surgical platform which can dissect, coagulate and seal the tissues during open and laparoscopic surgeries. System should comprise of below Type of Module Energies.

### **1. RF Energy Platform -Electro surgery unit with Thermo fusion (Vessel Sealing)**

- Radio Frequency Energy Platform High End Electro Surgical Generator unit with Vessel Sealing facility should be microprocessor controlled, US-FDA & European Certificate marked in accordance with the medical devices directive (93/42/EEC) & should comply with the requirement of the medical device directive of class I equipment and electromagnetic compatibility.
- The Electro surgical generator should be **400-watt touch screen / touch pad display** with 15 digital signal processors.
- Unit should facilitate functions of monopolar, bipolar & vessel sealer with in-built regulated power supply adapter for bipolar resection.
- Special bipolar mode for coagulation of vascular tissue (Vessel Sealing) up to 7 mm with **Reusable / Single use Hand instrument** for open as well laparoscopic surgeries & should have US- FDA approval for 7mm Vessel.
- Unit should have a Step guide suggesting appropriate setting configurations for every instrument and application.
- The system should make **25 million measurements / sec** for better tissue effect and should measure tissue impedance through power peak system.
- System should have wifi compatibility for future OR integration.
- Unit should be plug & play with **4 or more** universal multi-functional sockets to accommodate any instrument.
- System should have remode function to allow user to access **2- 6 sub programs** directly from the sterile field.
- Unit should have high cut mode for monopolar modalities
- Each socket should support the Autostart function for bipolar instruments.
- Unit should have the facility for socket exchange.

- Unit should have Soft Coagulation mode with quick start function for any open or laparoscopic application
  - Unit should have Precise Sect mode for optimized dissection in open or laparoscopic cases
  - The generator should work on a supply voltage of 100 – 120 VAC & 220 – 240 VAC
  - Power consumption at Max HF power should be 550 watts with max pulse power consumption of 1600 watts.
  - Should have a special Coagulation mode called “Thermoseal” with auto start function for highly vascularized tissue bundles and vessels upto 7mm diameter and min. burst 360mmHg burst pressure.
  - Unit should have an Auto Cut bipolar mode to facilitate bipolar cutting instruments.
  - Supply frequency should be in the range of 50 -60 Hz.
  - Unit should have the **optional facility** to store 1800 programmes or applications.
  - Unit should have the facility to show the active instruments on the screen display.
  - The generator should have an inbuilt feature of accessory assignment.
  - The unit should have high cut bipolar to facilitate bipolar resectoscopes.
  - The generator should be supplied with Argon plasma coagulation unit having forced APC, pulsed APC and precise APC modes.
  - The generator should be supplied with Hydrojet to facilitate use of unique hybrid technology instruments for all Surgical Modalities.
  - Unit must be compatible & Supplied with Intelligent smoke evacuation module and suction module. from Same OEM
  - Unit should support neutral electrode.
  - **Following essential accessories to be supplied as a part of Radio Frequency Energy Platform High End Electro Surgical Generator unit with Vessel Sealing facility from Same Single OEM and Affidavit related to the 100% compliance of offered accessories as per nomenclature mentioned below – single or reusable along with mentioned qty and offered of same O.E.M should be provided, else bid will be rejected**
- a) **Water resistant or 100% Washable (IPX8) Footswitch** Monopolar & Bipolar both with facility for swapping between programs with mandatory minimum shelf life

of 500 Procedures – **1Nos.**

- b) Reusable Monopolar cable for Endoscopic instruments with mandatory minimum shelf life of 100 Procedures – **2 Nos, if disposable then 200 Pcs to perform 100 procedures** by each cable
- c) Reusable Bipolar Cable for reusable bipolar forcep with mandatory minimum shelf life of 100 Procedures – **2 Nos, if disposable then 200 Pcs to perform 100 procedures** by each cable
- d) Reusable Bipolar forcep straight & Bayonet non sticky 01 each with mandatory minimum shelf life of 100 Procedures – **1 Nos, if disposable then 100 Pcs each of Straight & Bayonet non sticky Bipolar Forcep (200 Pcs) to perform 100 procedures by both forcep**
- e) **Reusable / Single Use Thermo fusion / Vessel Sealing** hand instrument for **Lap surgeries** (for vasculatures up to 7mm) LAP forceps, Maryland, semi-deep ribbed, shaft  $\varnothing$  5 mm, non-adhesive coating, length 340 mm; with connecting cable 4 m and MF plug, complete instrument with mandatory minimum shelf life of **100 Procedures – 1 Nos, if disposable then 100 Pcs to perform 100 procedures**
- f) **Reusable / Single Use Thermo fusion / Vessel Sealing** hand instrument for **Open surgeries** (for vasculatures up to 7mm) bent 18°, smooth, length 200 mm; with connecting cable 4 m and MF plug, with thermal insulation, for open surgical procedures, e.g. **intestinal surgery** with mandatory minimum **shelf life of 100 Procedures – 1 Nos, if disposable then 100 Pcs to perform 100 procedures**
- g) **Reusable / Single Use Thermo fusion / Vessel Sealing** hand instrument for **Open surgeries** (for vasculatures up to 7mm) bent 23°, smooth, length 150 mm; with connecting cable 4 m and MF plug, with ceramic coating, e.g. for **thyroidectomy** , with mandatory minimum shelf life of 100 Procedures – **1 Nos, if disposable then 100 Pcs to perform 100 procedures**
- h) **Reusable / Single Use** Bipolar Lap Scissor for Laparoscopic surgery with cable, shaft  $\varnothing$  5 mm, length 350 mm; complete instrument with mandatory minimum shelf life of 100 Procedures – **1 Nos, if disposable then 100 Pcs to perform 100 procedures**
- i) **Reusable / Single Use hand pencil** with Monopolar Electrodes – **1 Nos, if disposable then 100 Pcs to perform 100 procedures**

- j) **Reusable / Single Use Patient plate** with equipotential ring - **1 Nos, if disposable**  
then **100 Pcs to perform 100 procedures**
- k) Workstation trolley with attached Suction unit from same OEM – 1Nos.

## 2. Argon Plasma Coagulation

For management of bleeding and devitalization of tissue abnormalities achieved by optimal coordination with RF generator

- Argon Plasma unit should be microprocessor controlled, US-FDA / European Certificate marked in accordance with the medical devices directive (93/42/EEC) & should comply with the requirement of the medical device directive of class I equipment and electromagnetic compatibility.
- The Argon Plasma Coagulation system should have automatic parameters setting for various types of instruments and automatic depth controlled plasma regulation.
- Should have three different APC modes suitable for different indications
  - Precise APC – adjustment made using the effect settings
  - Pulsed APC – adjustment made using the parameter power settings
  - Forced APC – adjustment made using the parameter power settings
- Should have Adjustable argon flow rate from 0.1L/min to 8L/ min in steps of 0.1 L /min with automatic regulation of selected flow rate.
- Should have the facility to use Argon plasma coagulation and monopolar coagulation simultaneously
- Should have automatic monitoring of flow rate and Argon supply and auto purge facility. It should have the facility to connect with central gas supply.
- Should give visual display of argon gas bottle content and should give Acoustic alarm when bottle content reaches a minimum.
- Should have facility for activation of unit by foot pedal of the Electro Surgical unit.
- Should have facility to use in double balloon endoscopy procedures.
- Should have facility for Argon supported cutting and coagulation.

- **Following essential accessories to be supplied as a part of Argon Plasma** from Same OEM only.
  - a) Argon assisted cutting instrument for open surgery and laparoscopic surgery - 01 Nos each
  - b) Imported Argon Cylinder with Pressure reducer – 02 Nos
  - c) Imported Pressure reducer for argon cylinder – 01 Nos

### **3. Water Jet Tissue Dissection System**

For management of separating the different tissue types with their varying elasticity and firmness with the help of adjusted water pressure based on the kinetic energy principle.

- Waterjet Unit should be, US-FDA & European Certificate marked in accordance with the medical devices directive (93/42/EEC) & should comply with the requirement of the medical device directive of class I equipment and electromagnetic compatibility.
- Should have pressure range:1–80 bars & Volume flow:1–65ml/min. It should indicate delivered fluid vol.
- Should adapt any sterile saline solution bag (disposable) as separation medium.
- Should be integrated with Electro surgical workstation with other accessories and facility to connect Monopolar coagulation with the applicator
- Should have facility to individually configure programs for different surgeries.
- Water jet activation should be via footswitch and Remote facility for switching between two different user settings.
- Should have facility for various applicators to be used in Laparoscopy, flexible endoscopy and open surgeries.
- **Following essential accessories to be supplied as a part of Waterjet energy source** from Same OEM only.
  - a) Water Jet accessories / applicator for Laparoscopy and open surgery - 02 Nos Each
  - b) Water Jet pump cart edge – 02 Box (Box of 10 Pcs)

#### **4. Automatic Smoke Evacuation Unit**

- The smoke plume evacuation system should be microprocessor controlled, US-FDA and / or European Certificate marked in accordance with the medical devices directive (93/42/EEC) & Electro Surgical Unit should comply with the requirement of the medical device directive of class I equipment and electromagnetic compatibility.
- The smoke plume evacuation system should be compatible with Electrosurgical Units for smooth functioning and ergonomics.
- The smoke plume evacuation system should be able to extract and filter smoke and aerosol- laden air during surgical procedures & should be also able to filter COVID - 19 like viruses and other microorganism present in surgical smoke generated during the procedure.
- The system should have a functional 5.7 inches touch screen display for better visibility & ease of control & display should be able to show settings, operating modes, filter run-time and information messages for the user.
- The System should have Bi-Turbo technology for effective filtration, should have ULPA-15 filter (5 stage filter protection) and active carbon filters & should also have ability to remove 99.9995% of all 0.1 $\mu$ m particles.
- The system filter should have maximum output of 730 l/min & have the ability to give a notification when volume flow of more than 300l/min is reached.
- The system should have ability to be used along with any electrosurgical unit, Laser and ultrasound devices & system should have automatic activation feature, no need of any additional footswitch for activation during monopolar electrosurgical applications.
- The system should display error if filter is not inserted to prevent damage & system should be able to used in vertical as well as horizontal way as per user needs.
- The system should have the ability to be fixed on the ceiling units (OT pendants) & should have the ability to be used with 2 instruments at the same time during any Surgical Procedures.
- The system should be able to used in open as well as lap surgical procedures & system noise development at 100% evacuation should be  $\leq$  59 dB as must have sound insulation cladding, integrated ducts and airborne sound absorbers for noise insulations.
- The user should be able to set critical features like - suction efficiency, standby suction efficiency as well as standby suction time in both lap and open surgery modes & should have footswitch activation facility for laser and ultrasonic uses during procedure.
- The system should be provided with self-sealing water trap to protect the main filter cartridge from liquids & weight of system should be < 10kgs.
- Service life of the unit filter should be for:

- **OPEN SURGERIES** = 40 hrs at 30% evacuation, 32 hrs at 60% evacuation, 25 hrs at 100% evacuation
- **LAPAROSCOPY SURGERIES** = 80 hrs at 30% evacuation, 60 hrs at 60% evacuation, 25 hrs at 100% evacuations
- The smoke evacuator unit should have an interface to connect it to the Electro Surgery system and should also be used as a “stand alone” unit.
- The unit should have provision to be activated via the interface to the Electro Surgery unit, and the time and type of activation can be selected and stored for every output socket and for every cutting or coagulation mode of each program of the Electro Surgery unit.
- The unit should additionally be activated manually using the START / STOP button or the footswitch. Deactivation should be controlled via the interface or by programming an after-run time.
- For safety reasons, an automatic function check of the unit and of the activation components connected to the unit should be performed after the mains switch has been switched on.
- A System display should indicate the filter level.
- Following essential accessories to be supplied as a part of Smoke Evacuation Unit from Same OEM only.
  - a) One pedal foot switch AP & IP 100% water proof endorsed by IPX8 certification of same O.E.M with Automatic Activation Device - 01 Qty
  - b) Main Filter for Smoke Evacuation Unit – 02 Qty
  - c) Pre filter for smoke evacuator – 45 Pcs

### **Essential Criteria Mandatory for Technical Qualification Of Bid**

Installation process should be performed by OEM trained service engineer/ service representative on OEM’s letter head/ service report, with a mandatory provision of providing preventive service visits of OEM trained service engineer/ service representative quarterly per year till completion of warranty period (i.e. 20 visits for first five years) and further quarterly visit (04 visits/ year) till the completion of CMC period. The installation process must be completed by the OEM/ Service provider within 30 days of supply.

The accessories/ consumables utilized during the period of installation process should be taken care FOC by OEM/ Service provider.

Main Equipment as well as offered accessories / consumables should have brand name / model number embossed/ etched on the front side.

Should have strong Installation base with latest Installation report (Not Older than 24 Months) of Surgical Workstation in various government reputed organization such as KGMU / DRRMLIMS / SGPGIMS / AIIMS Delhi/ AIIMS RISHIKESH / R.R Army Delhi.

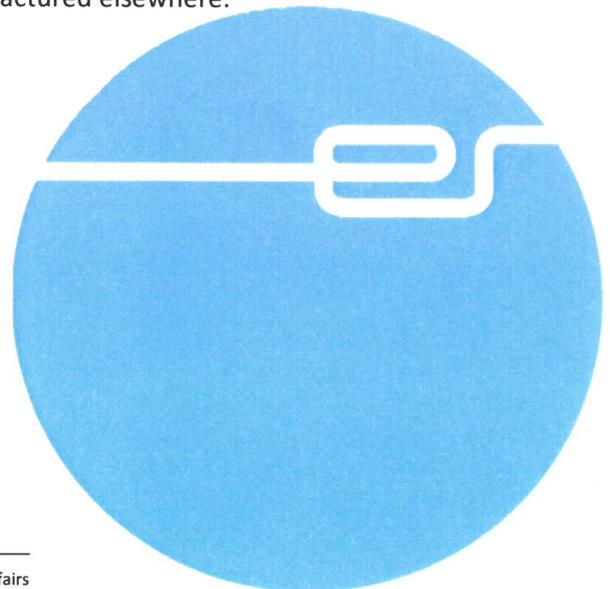
CMC should be offered by O.E.M letterhead, Installation, training process should be performed by O.E.M trained service engineers at their cost.

# Proprietary Certificate

To whom it may concern

## Erbe VIO® 3 and APC 3

This is to certify that the Erbe VIO® 3 with attached Argon Plasma Coagulation system (APC 3), that provides facility to change between programs by a ReMode button, specially designed Cut and Coag modes for different medical and surgical disciplines, like softCOAG®, preciseSECT and dryCUT® and also three different variations in Argon Plasma outputs namely FORCED APC, PULSED APC® and PRECISE APC® are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these products are not manufactured elsewhere.



Date 2019-06-12

  
Axel Retzlaff, Manager Regulatory Affairs

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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## Erbe Bipolar PREMIUM Forceps

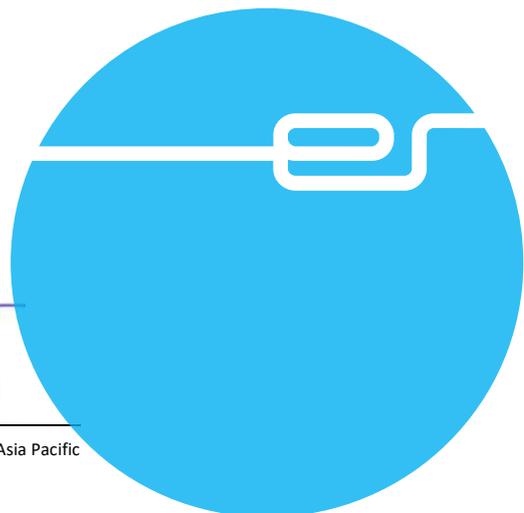
This is to certify that the listed Bipolar PREMIUM Forceps are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these product are not manufactured elsewhere.

Article No.	Catalogue Description
20195-501	Bipolar forceps PREMIUM, straight, tip 0.2 mm, pointed, length 120 mm
20195-502	Bipolar forceps PREMIUM, straight, tip 0.4 mm, very fine, length 120 mm
20195-503	Bipolar forceps PREMIUM, straight, tip 0.7 mm, fine, length 120 mm
20195-504	Bipolar forceps PREMIUM, straight, tip 0.7 mm, fine, angled, length 120 mm
20195-505	Bipolar forceps PREMIUM, straight, tip 0.2 mm, pointed, length 185 mm
20195-506	Bipolar forceps PREMIUM, straight, tip 0.4 mm, very fine, length 185 mm
20195-507	Bipolar forceps PREMIUM, straight, tip 0.7 mm, fine, length 185 mm
20195-508	Bipolar forceps PREMIUM, straight, tip 1 mm, blunt, length 185 mm
20195-509	Bipolar forceps PREMIUM, straight, tip 1 mm, blunt, angled, length 185 mm
20195-510	Bipolar forceps PREMIUM, straight, tip 0.2 mm, pointed, length 200 mm
20195-511	Bipolar forceps PREMIUM, straight, tip 0.4 mm, very fine, length 200 mm
20195-512	Bipolar forceps PREMIUM, straight, tip 1 mm, blunt, length 200 mm
20195-513	Bipolar forceps PREMIUM, straight, tip 1 mm, blunt, angled, length 200 mm
20195-514	Bipolar forceps PREMIUM, straight, tip 2 mm, blunt, angled, length 200 mm
20195-515	Bipolar forceps PREMIUM, straight, tip 2 mm, blunt, length 230 mm
20195-516	Bipolar forceps PREMIUM, straight, tip 1 mm, blunt, angled, length 260 mm
20195-517	Bipolar forceps PREMIUM, straight, tip 2 mm, angled, length 260 mm
20195-518	Bipolar forceps PREMIUM, straight, tip 2 mm, blunt, length 280 mm e.g. for urology
20195-531	Bipolar forceps PREMIUM, bayonet, tip 0.2 mm, pointed, length 155 mm
20195-532	Bipolar forceps PREMIUM, bayonet, tip 0.4 mm, very fine, length 155 mm
20195-533	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 155 mm
20195-534	Bipolar forceps PREMIUM, bayonet, tip 0.2 mm, pointed, length 170 mm
20195-535	Bipolar forceps PREMIUM, bayonet, tip 1 mm, blunt, length 170 mm
20195-536	Bipolar forceps PREMIUM, bayonet, tip 0.4 mm, very fine, length 200 mm
20195-537	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 200 mm
20195-538	Bipolar forceps PREMIUM, bayonet, tip 1 mm, blunt, length 200 mm
20195-539	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 200 mm
20195-540	Bipolar forceps PREMIUM, bayonet, tip 2 mm, blunt, length 200 mm
20195-541	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 200 mm angled downwards
20195-542	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 200 mm angled upwards

20195-543	Bipolar forceps PREMIUM, bayonet, tip 0.2 mm, pointed, length 230 mm
20195-544	Bipolar forceps PREMIUM, bayonet, tip 0.4 mm, very fine, length 230 mm
20195-545	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 230 mm
20195-546	Bipolar forceps PREMIUM, bayonet, tip 1 mm, blunt, length 230 mm
20195-547	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 230 mm
20195-548	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 230 mm angled upwards
20195-549	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 230 mm angled upwards
20195-550	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 230 mm angled downwards
20195-551	Bipolar forceps PREMIUM, bayonet, tip 0.2 mm, pointed, length 250 mm
20195-552	Bipolar forceps PREMIUM, bayonet, tip 0.4 mm, very fine, length 250 mm
20195-553	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 250 mm
20195-554	Bipolar forceps PREMIUM, bayonet, tip 1 mm, blunt, length 250 mm
20195-555	Bipolar forceps PREMIUM, bayonet, tip 1.2 mm, blunt, length 250 mm
20195-556	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 250 mm angled upwards
20195-557	Bipolar forceps PREMIUM, bayonet, tip 0.7 mm, fine, length 170 mm
20195-558	Bipolar forceps PREMIUM, bayonet, tip 2 mm, blunt, length 250 mm
20195-559	Bipolar forceps PREMIUM, bayonet, tip 2mm, blunt, length 170 mm
20195-560	Bipolar forceps PREMIUM, bayonet, tip 0.2 mm, pointed, length 200 mm
20195-561	Bipolar forceps PREMIUM, bayonet, tip 2 mm, blunt, length 230 mm



Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany

Date 2021-02-18

Natalie Zierhut, Business Manager Asia Pacific

Erbe Elektromedizin GmbH Waldhoernlestrasse 17 72072 Tuebingen Germany

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Baden-Württembergische Bank  
IBAN: DE27 6005 0101 7477 5011 35  
BIC: SOLADEST600

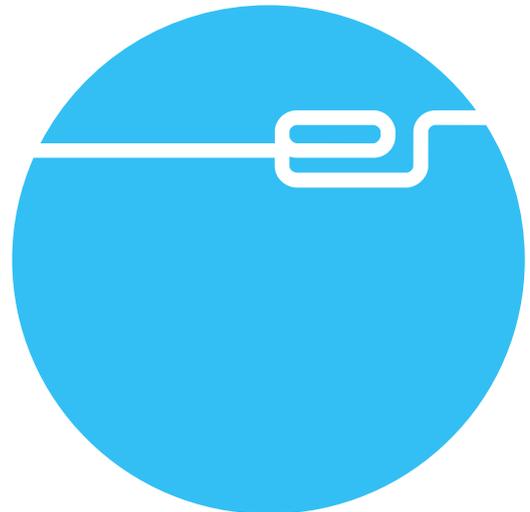
Kreissparkasse Tübingen  
IBAN: DE54 6415 0020 0000 0001 41  
BIC: SOLADES1TUB

# Proprietary Certificate

To whom it may concern

## Erbe APC 3

This is to certify that the Erbe APC 3 is a proprietary product, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of this product and this is not manufactured by any other company elsewhere in the world.



**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany

A handwritten signature in blue ink, appearing to read 'N. Zierhut'.

Date 2022-06-09

Natalie Zierhut, Business Manager APAC & Spain

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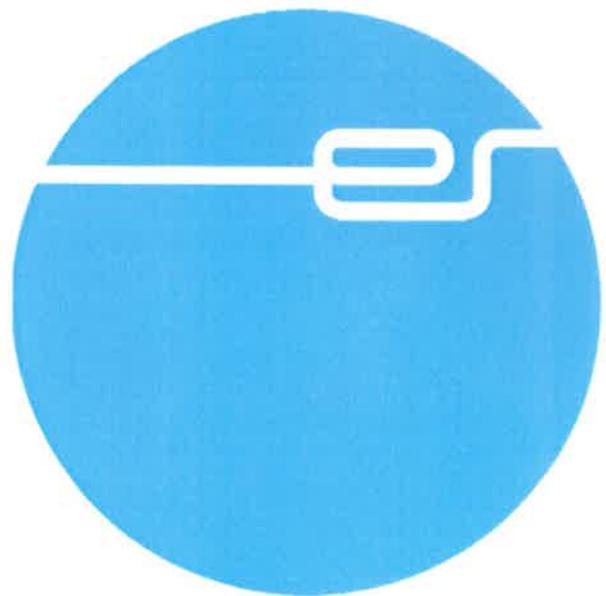
**Proprietary Certificate**

# Proprietary Certificate

To whom it may concern

## ERBECRYO® 2

This is to certify that the ERBECRYO® 2 and flexible ERBECRYO probes are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these products are not manufactured elsewhere.



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Date 2017-02-15

  
Axel Retzlaff, Director Regulatory Affairs

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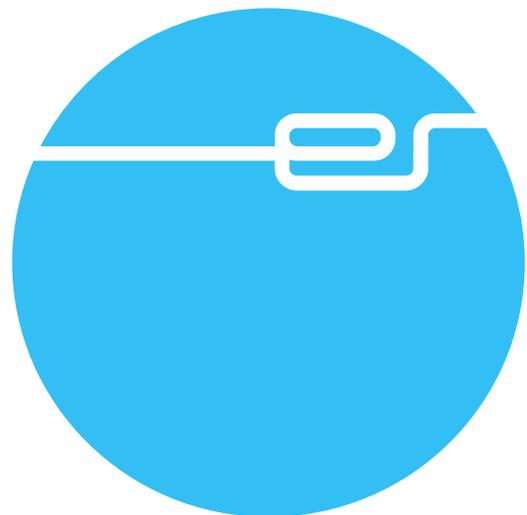
**Proprietary Certificate**

# Proprietary Certificate

To whom it may concern

## WATERJET® 2

This is to certify that the WATERJET 2 is a proprietary product, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of this product and this is not manufactured by any other company elsewhere in the world.



**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany

A handwritten signature in blue ink, appearing to read 'N. Zierhut', written over the printed name.

Date 2021-03-03

Natalie Zierhut, Business Manager Asia Pacific

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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## IES 3 - Smoke evacuation unit

This is to certify that the IES 3 Smoke evacuation unit is a proprietary product, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of this product and this is not manufactured by any other company elsewhere in the world.

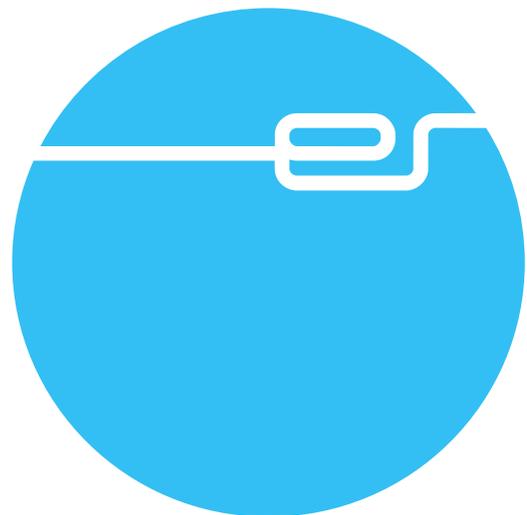
**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2022-06-09

Natalie Zierhut, Business Manager APAC & Spain



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**Proprietary Certificate**

# Proprietary Certificate

To whom it may concern

## Nessy® Omega

This is to certify that the following products :

20193-082 Nessy Omega, split patient plate  
20193-083 Nessy Omega, split patient plate

are specially designed

- with a split-pad effective contact surface  $85 \text{ cm}^2$  + equipotential ring  $23 \text{ cm}^2$
- and can be applied irrespective of the direction of the operative site

These are proprietary products, marketed exclusively by Erbe Elektromedizin GmbH,  
Waldhoernlestrasse 17, 72072 Tuebingen, Germany.



April 4, 2018

Michael Reick, Director Business Management



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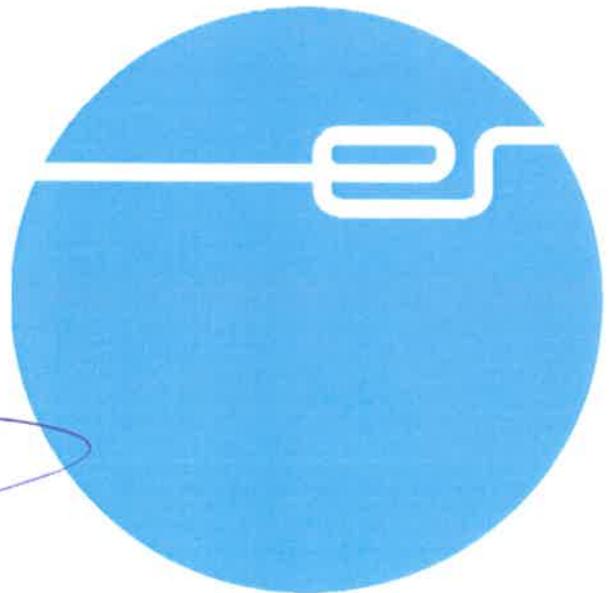
Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## endoCUT<sup>®</sup> I and Q

This is to certify that the modes endoCUT<sup>®</sup> I and endoCUT Q for fractionated cutting on erbe VIO electrosurgical units are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these products are not manufactured elsewhere.



A handwritten signature in blue ink, appearing to read 'Michael Reick', is written over a horizontal line. The signature is fluid and cursive.

Date 2019-01-21

Michael Reick, Director Business Management

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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

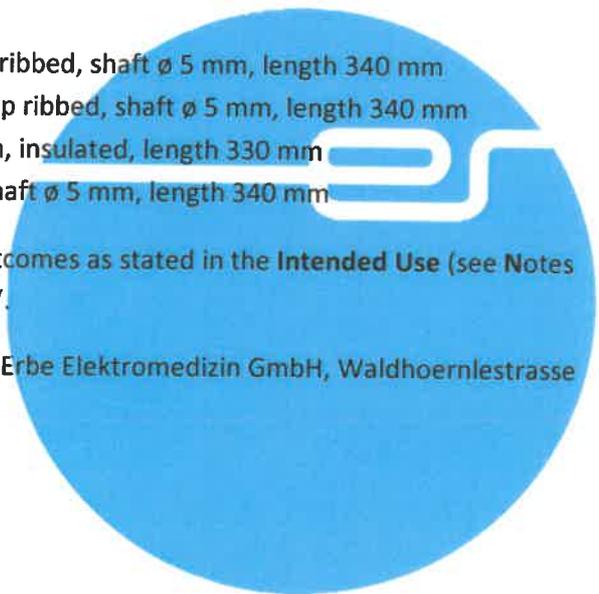
## Bipolar Instruments

This is to certify that the following products :

- 20195-132 Bipolar LAP forceps, Maryland, deep ribbed, shaft  $\varnothing$  5 mm, length 340 mm
- 20195-133 Bipolar LAP forceps, fenestrated, deep ribbed, shaft  $\varnothing$  5 mm, length 340 mm
- 20195-081 Bipolar fixation forceps, shaft  $\varnothing$  5 mm, insulated, length 330 mm
- 20195-226 Bipolar LAP scissors, Metzenbaum, shaft  $\varnothing$  5 mm, length 340 mm

are specially designed to achieve the desired surgical outcomes as stated in the **Intended Use** (see **Notes on Use** of each product) in different surgical procedures“.

These are proprietary products, marketed exclusively by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany.



  
Axel Retzlaff, Director Regulatory Affairs

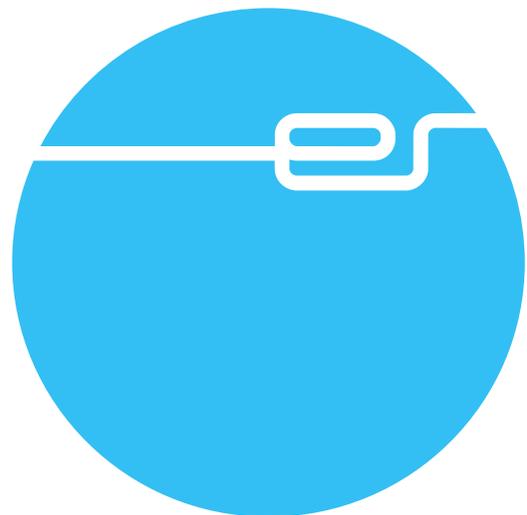
2017/05/15

# Proprietary Certificate

To whom it may concern

## Erbe VIO® 3, APC 3 and ERBEJET® 2

This is to certify that the electrosurgical device Erbe VIO® 3 with argon Plasma Coagulation system APC 3 and the hydrosurgery system ERBEJET® 2, built in one workstation are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these products are not manufactured elsewhere.



**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany

A handwritten signature in blue ink, appearing to read 'N. Zierhut', is written over the company address text.

Date 2021-10-06

Natalie Zierhut, Business Manager Asia Pacific

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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## Erbe VIO® 3 & Instruments

This is to certify that the devices Erbe VIO® 3 in combination with the instruments listed below is a proprietary set of products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of this set of product and it is not manufactured by any other company elsewhere in the world.

10160-000	Erbe VIO® 3
20195-200	BiClamp® 210
20195-202	BiClamp® 201 T
20195-203	BiClamp® 271 T
20195-204	BiClamp® LAP BiSect Micro
20195-221	BiClamp® 150 C
20195-280	BiClamp® 280
20195-299	BiClamp® 260 C
20195-134	BiClamp® LAP forceps Maryland

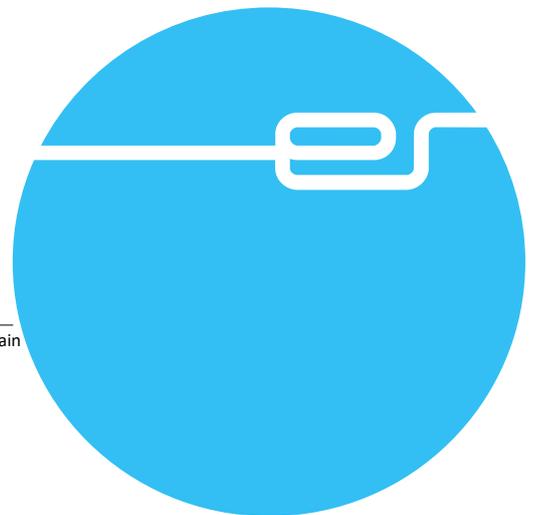
**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2022-06-15

Natalie Zierhut, Business Manager APAC & Spain



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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## VIO® 3

This is to certify that the VIO® 3 is a proprietary product, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of this product and this is not manufactured by any other company elsewhere in the world.

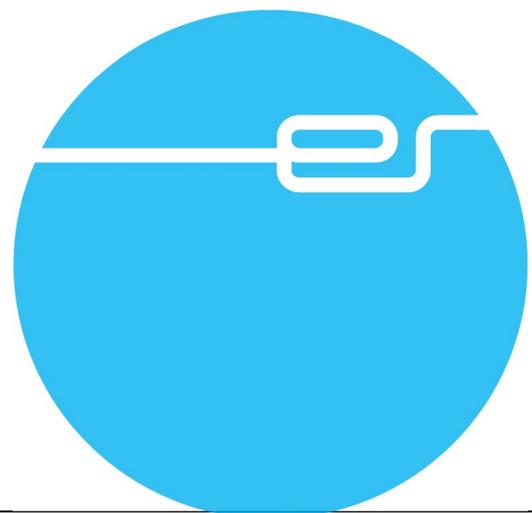
The preciseSECT mode is included and only available for the VIO® 3 system. Properties: fast, effective coagulation, with limited tissue-cutting property. Optimized exposure characteristics through dynamic adaptation of modulation.

**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany

Date 2023-10-09

  
Maik Luz, Product Specialist Global Sales Support



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Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## TriSect rapide®

- with VIO® 3 and thermoSECT mode

This is to certify that the below listed variations of TriSect rapide®, with our electrosurgical generator VIO® 3 and the thermoSECT mode, are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of these products, and they are not manufactured by any other company elsewhere in the world.

- 21195-400 - TriSect rapide 140, single-use, bent 17 mm, shaft length 140 mm
- 21195-401 - TriSect rapide 200, single-use, bent 17 mm, shaft length 200 mm
- 21195-402 - TriSect rapide 350, single-use, bent 17 mm, shaft length 350 mm
- 21195-403 - TriSect rapide 450, single-use, bent 17 mm, shaft length 450 mm

The following technologies are proprietary to Erbes TriSect rapide® dissect and sealing instrument:

- unique **tripolar technology** enables a quick electrical cut without a blade
- **true single step**: grasp, seal and dissect vessels and tissue bundles in a single workflow
- **thermoSECT** mode for simultaneous dissection and sealing
- **softCOAG bipolar** mode for immediate hemostasis, with powerful initial coagulation
- **cooler impact**: reduced thermal spread with lateral spread lower than 1mm

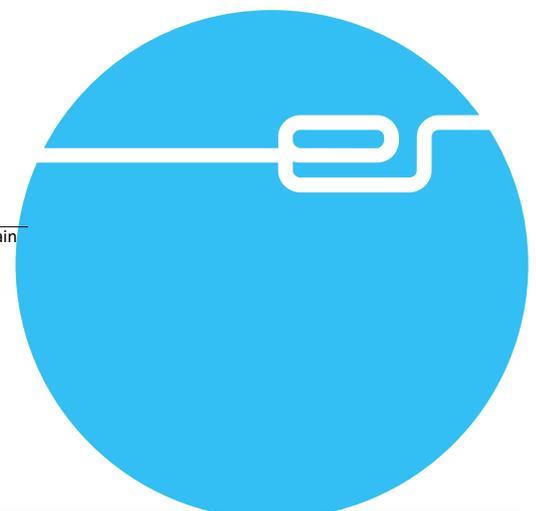
**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2024-09-30

Natalie Zierhut, Business Manager Asia Pacific & Spain



Proprietary Certificate

# Proprietary Certificate

To whom it may concern

## VIO®3, APC 3, ERBEJET® 2, ERBECRYO® 2, IES 3, ESM 2 & Viron X

This is to certify that the combination of above-mentioned products is a proprietary solution, manufactured by the Erbe Group with Headquarter at Waldhoernlestrasse 17, 72072 Tuebingen, Germany. We are the only manufacturer of these products, and they are not manufactured by any other company elsewhere in the world.

The following modes are proprietary for Erbe VIO®3:

<b>preciseSECT</b> Optimized exposure as a result of dynamically adapting modulation. Medium coagulation	<b>highCUT bipolar</b> Smooth incisions, minimum to moderate hemostasis. For bipolar resection in a saline solution	<b>thermoSEAL®</b> Special COAG mode for sealing highly-vascularized tissue bundles and blood vessels with a diameter of up to 7 mm using appropriate Erbe instruments <sup>5</sup>
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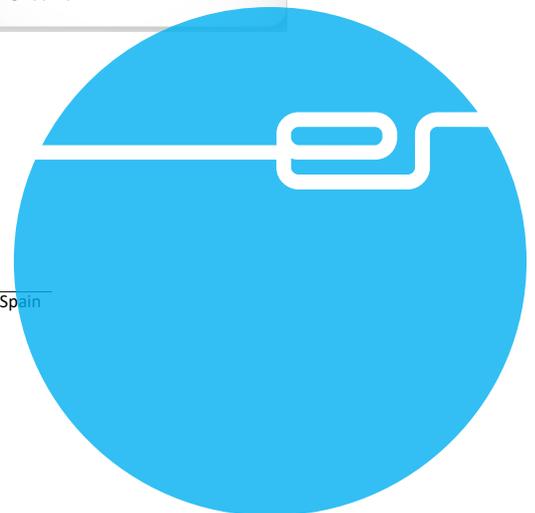
**erbe**

Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2024-09-12

Natalie Zierhut, Business Manager Asia Pacific & Spain



**Proprietary Certificate**

# Proprietary Certificate

To whom it may concern

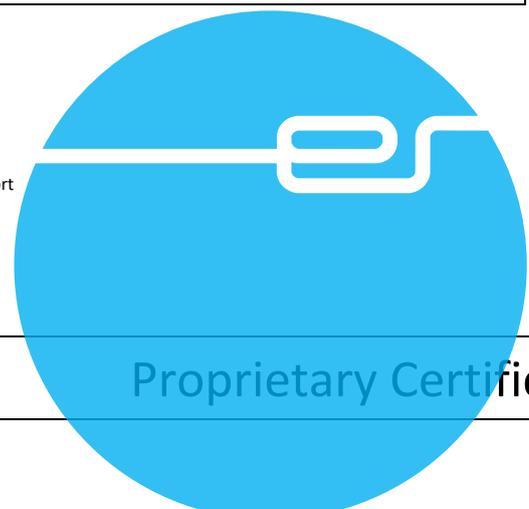
This is to certify that the listed instruments are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these products are not manufactured elsewhere.

Article No.	Catalogue Description
20150-015	HybridAPC, ø 2.3 mm, length 1.9 m
20150-030	Applicator, straight, ø 6 mm, length 65 mm; with suction, e.g. for liver surgery
20150-031	Applicator, flexible tip, ø 6 mm, length 65 mm; with suction, e.g. for liver surgery
20150-036	Applicator, straight, with monopolar electrosurgical function, ø 6 mm, length 80 mm; with suction, e.g. for liver surgery
20150-038	Applicator, straight, ø 6 mm, length 306 mm; with suction, e.g. for TME
20150-039	Applicator, straight, ø 6 mm, length 180 mm; with suction, e.g. for TME
20150-060	HybridKnife, T-type, full-stream, ø 2.3 mm, length 1.9 m; with connecting plug international (3-Pin)
20150-061	HybridKnife, I-type, full-stream, ø 2.3 mm, length 1.9 m; with connecting plug international (3-Pin)
20150-062	HybridKnife, O-type, full-stream, ø 2.3 mm, length 1.9 m; with connecting plug international (3-Pin)
20150-100	ERBEJET 2 two-pedal foot switch with ReMode, AP & IP X8 equipment
20150-101	ERBEJET 2 one-pedal foot switch with ReMode, AP & IP X8 equipment
20150-301	Pump cartridge plus for ERBEJET 2

Date 2023-09-11

*i.A. Manuel Neuburger*

Manuel Neuburger, Product Specialist International Sales Support



Proprietary Certificate

# Proprietary Certificate

To whom it may concern

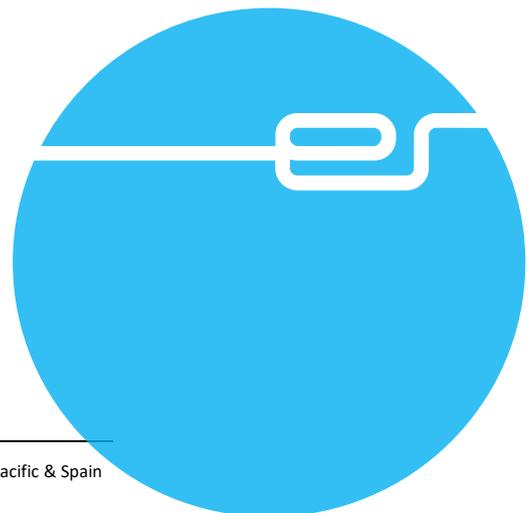
## Erbe FiAPC Probes

This is to certify that the listed FiAPC Probes are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these product are not manufactured elsewhere.

Article No.	Catalogue Description
20132-220	FiAPC probe 1500 A, $\varnothing$ 1.5 mm, flexible, length 1.5 m
20132-221	FiAPC probe 2200 A, $\varnothing$ 2.3 mm, flexible, length 2.2 m
20132-222	FiAPC probe 2200 A, $\varnothing$ 3.2 mm, flexible, length 2.2 m
20132-223	FiAPC probe 3000 A, $\varnothing$ 2.3 mm, flexible, length 3 m
20132-224	FiAPC probe 2200 SC, $\varnothing$ 2.3 mm, flexible, length 2.2 m
20132-225	FiAPC probe 2200 C, $\varnothing$ 2.3 mm, flexible, length 2.2 m
20132-226	FiAPC probe 3000 A, $\varnothing$ 1.5 mm, flexible, length 3 m



Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2024-01-10

Natalie Zierhut, Business Manager Asia Pacific & Spain

# Proprietary Certificate

To whom it may concern

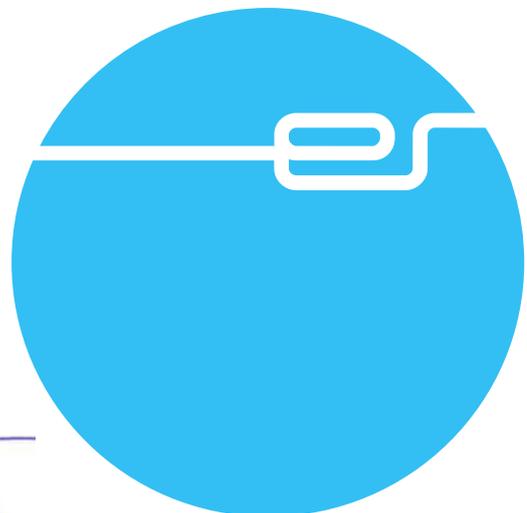
## Erbe flexible cryoprobes

This is to certify that the listed single-use flexible cryoprobes are proprietary products, manufactured by Erbe Elektromedizin GmbH, Waldhoernlestrasse 17, 72072 Tuebingen, Germany and these product are not manufactured elsewhere.

Article No.	Catalogue Description
20402-401	Flexible cryoprobe, single-use, $\varnothing$ 1.1 mm, with overshooth $\varnothing$ 2.6 mm, length 817 mm
20402-402	Flexible cryoprobe, single-use, $\varnothing$ 1.1 mm, with overshooth $\varnothing$ 2.6 mm, length 757 mm
20402-410	Flexible cryoprobe, single-use, $\varnothing$ 1.7 mm, length 1150 mm
20402-411	Flexible cryoprobe, single-use, $\varnothing$ 2.4 mm, length 1150 mm



Erbe Elektromedizin GmbH  
Waldhoernlestrasse 17  
72072 Tuebingen, Germany



Date 2022-08-08

Natalie Zierhut, Business Manager APAC & Spain

Letter of Authority

LOA 25-26/66

09.06.2025

**Executive Director  
All India Institute of Medical Sciences  
Gorakhpur**

Dear Sir,

Erbe Medical India Pvt. Ltd, is a 100% subsidiary of Erbe Elektromedizin GmbH Germany who are established and reputable manufacturers of Electrosurgical Diathermy Units, Advanced Vessel Sealing, and other energy solutions viz. Argon Plasma, Waterjet, Smoke Evacuators, Cryo products etc. We have our manufacturing at **Erbe Elektromedizin GmbH, Waldhorenlestrasse 17, D-72072, Tubingen, Germany.**

This letter is intended to authorize **PCL Health Care Private Limited 2, Maqbara Road, Ground Floor, Punn Building, Hazratganj Lucknow 226001** to quote, negotiate and conclude the contract with your institution for the above mentioned products manufactured by us.

We hereby extend our full guarantee and warrantee in accordance with tender clause general conditions of GeM contract, for the above specified goods against the bidding documents for full 05 years as well as confirm to provide AMC/CMC for next five years after the expiry of guarantee and warrantee period.

No company or firm individual other than **PCL Health Care Private Limited,2, Maqbara Road, Ground Floor, Punn Building, Hazratganj Lucknow 226001** are authorized to tenders and conclude the contract for all the goods manufactured by us.

We further guarantee that in the event we change our dealer / Indian agent, we will continue to provide all the services as assured in the tender document and are also as required by the concerned Principal /Director of respective medical college/ Institute as the case may be, through our new dealer / Indian Agent or directly as may be required.

We also confirm that we will not supply refurbished equipment.

This authority letter is valid till 31.03.2026 and will be renewed if required.

Yours Truly  
**For Erbe Medical India Pvt Ltd**

  
**Yash Sharma**  
**Tender & Distribution Coordinator**



**Erbe Medical India Private Limited**

**Corporate & Registered office:**

Unit No. 393-396, 3<sup>rd</sup> Floor  
Office Block, Vegas Mall  
Sector -14, NSIT, Dwarka  
New Delhi – 110078  
GSTIN – 07AABCE7430L1ZK

Deutsche Bank AG  
Current Acc. No. 5006846000  
SWIFT code DEUT0916CNN  
CIN U33119DL2007PTC429896

**Warehouse:**

Lower Ground Floor  
Plot No. 447, Pocket B  
Sector – 19, Dwarka  
New Delhi – 110075  
Phone: +91 11 41009808

**Branch offices:**

Kolkata  
Bengaluru  
Chennai  
Pune

**Contact Information:**

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