

COMPANY FACT SHEET

The company

The company Erbe Elektromedizin GmbH was founded in 1851 in Tuebingen, Germany. Christian O. Erbe leads the family business in the 5th generation together with four other managing directors. Erbe develops, manufactures, and markets instruments, devices, and services for electrosurgery, thermofusion, plasmasurgery, cryosurgery, hydrosurgery and imaging. Erbe is considered a pioneer in electrosurgery, a technology that utilizes high-frequency currents to cut, coagulate and devitalize tissue, and to seal vessels. In the year 2023 the 100th anniversary of the first electrosurgical generator could be celebrated.

Central departments

The products are manufactured mostly at our sites in Tuebingen and in the new factory Rangendingen with a high level of in-house manufacturing. From the initial idea through to product innovation, all departments at both locations are involved in the process: research, development, manufacturing, logistics and materials management, quality assurance and regulatory affairs, intellectual property, finance and human resources, IT, technical service, sales, and marketing. All our employees are specialists for quality and innovation "made in Germany".

Sales and service network

Erbe has an extensive network of sales and service employees in Germany. Internationally, Erbe is represented by subsidiaries in Belgium, China, France, Great Britain, Lebanon, the Netherlands, India, Italy, Austria, Poland, Russia, Singapore, South Korea, Spain, Switzerland, and the USA. The company also has representative offices in Peru that look after the respective regions. Exclusive specialist dealers cover a further 110 national markets, ensuring international customer proximity. Customers across the

world are supplied directly from Rangendingen via the central logistics system established in 2023.

International communication

To keep pace with developments in the medical field and to drive progress, Erbe maintains close communication with key users from medical schools and hospitals. Experience with the products and their application is shared as part of workshops and observational visits, or through trade shows. Internationally, Erbe is involved in around 400 events such as workshops and congresses. Sharing experience in this way is of benefit to all concerned, ultimately, and most importantly of course, to the patient.

Products and applications

The VIO® workstations offer optimum power adjustment, with modes and configurable hardware for all specialist fields. The systems are primarily used in abdominal surgery, gynecology, urology, and gastroenterology. In addition to the electrosurgical device, sub-systems such as smoke plume evacuation or the endoscopy irrigation pump can be integrated into the workstation in a modular fashion.

The instrument portfolio is comprised of open-surgery, laparoscopic and endoscopic products such as electrodes and electrode pencils, applicators, probes or electrosurgical forceps, scissors, clamps, and accessories such as footswitches, neutral electrodes, etc.

Further information about the variety of applications supported by the Erbe range of products is available under [erbe-med.com](https://www.erbe-med.com).

History

The original small-sized operation has grown steadily over five generations to a medium-sized company that now employs more than 1,000 members of staff.

Milestones over five generations

First generation (1851 – 1882)

- 1851** Development of the first instruments for galvanocaustic therapy in collaboration with Prof. Bruns; Erbe manufactures galvanic batteries that provide a source of electrical current
- 1867** Development of the first test spectacle lense sets with diopter classification in collaboration with Prof. Dr. Nagel

Second generation (1882 – 1907)

- around 1880** Development of different batteries and induction equipment
- around 1890** Development of the Cathcart microtome by Christian Gottlieb Erbe
- 1893** Award at the Chicago World's Fair in 1893

Third generation (1907 – 1965)

- 1923** Market launch of the first high-frequency generator for surgery
- 1925** The world's first portable X-ray machine, the Erbe X
- 1928** Targeting device for electrosurgical coagulation of the trigeminal ganglion

Fourth generation (1962 – 2002)

- 1976** Expansion of the product program to include cryosurgical systems
- 1977** First Erbotom T 400 C device
- 1992** Launch of the ERBOTOM ICC series with "Intelligent Cut and Coagulation"

Fifth generation (1996 to present)

2002 VIO electrosurgery system goes on sale

2007 Market launch of ERBEJET® 2 as a foundation system for hybrid technology HybridKnife® (2009) and BiCision® (2011)

2015 Launch of APCapplicator range (7 versions) for use in open surgery and laparoscopy

2016 Launch of VIO® 3, with its large touchscreen display, and in addition APC 3

2016 Market launch of HybridAPC probe for Gastroenterology

2017 Launch of single use cryoprobes (4 versions); new applications in Pneumology

2023 Expansion of the product program with products for imaging

2023 Market launch of multifunctional laparoscopic instrument
TriSect rapide®

2023 Market launch of HYBRIDknife® flex

2024 Production starts at the new factory in Rangendingen

Contact:

Thomas Hämmerle
thomas.haemmerle.erbe-med.com

Erbe Elektromedizin GmbH
Waldhoernlestrasse 17
72072 Tuebingen
Germany
Phone +49 7071 755-0
info@erbe-med.com
erbe-med.com