

Market insights summary

European electrophysiology mapping and ablation device market

What's trending?

Rising pulsed field ablation (PFA) adoption will revolutionize the European EP mapping and ablation device market

- Multiple clinical trials have shown PFA's superiority over other ablation techniques, with lower recurrence rates, fewer complications, shorter procedures, and higher success rates. These advantages have increased electrophysiologist confidence, accelerating adoption of premium-priced PFA catheters and boosting European EP device revenues.
- Favorable ESC guidelines recommending catheter ablation as a first-line treatment for drug-refractory persistent and paroxysmal AF are expected to further drive market growth.

Competitors are heavily investing in developing PFA catheters with innovative product features to increase their competitiveness in this space

- In 2024, Boston Scientific led the European EP mapping and ablation device market due to its first-mover advantage in highly lucrative PFA device segment, which contributed to more than half of its revenue in this market. Its leadership was reinforced by strong clinical evidence, enabling it to maintain a competitive edge and strengthen its position in EP mapping and ablation space as PFA devices gain traction.
- Johnson & Johnson MedTech's broad range of diagnostic and ablation catheters, along with widespread use of its CARTO 3-D mapping system, has secured its position as second-leading company in the European EP mapping and ablation device market. This position was further strengthened by the CE mark approval of its VARIPULSE PFA catheter in early 2024, enabling the company to enter the profitable PFA segment.

Access more insights and data in the [report](#).
[Speak to our team](#) to see how we can power your innovation.

2024 European EP mapping and ablation device market snapshot

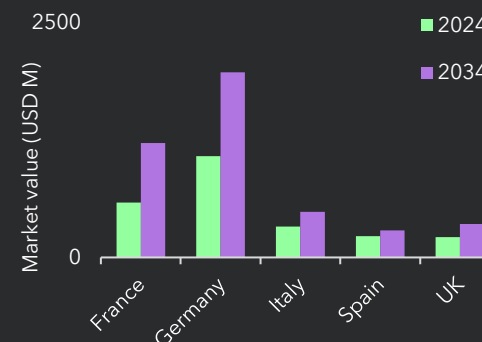
\$2.43B

Market value

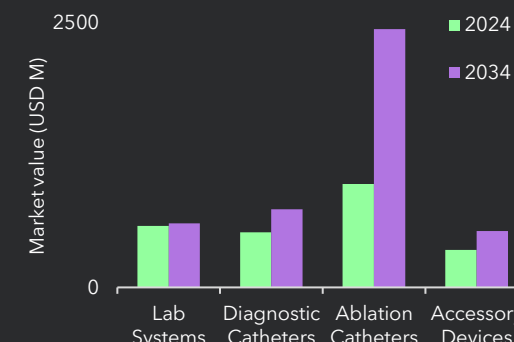
6.9%

CAGR ('19-'34)

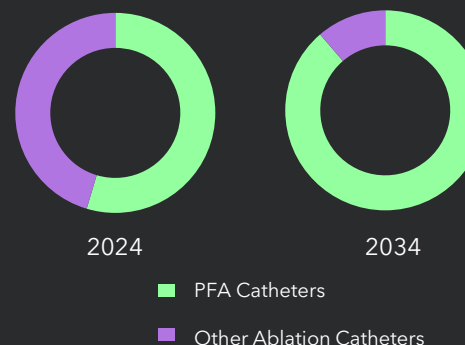
European EP mapping and ablation device market by country



European EP mapping and ablation device market by product type



EP ablation catheter market by product type



2024 European EP mapping and ablation device competitive landscape

