# Technical Data

## EPPerfect-System: EPPerfect Ablation Generator

The ablator is used for intracardiac high-frequency ablation. The device is controlled by the EPPerfect System. All important parameters like temperature, power, impedance and time are displayed.


## Special features:

- The system is compatible with almost all catheters, with thermistor or thermocouple element.
- The data is transferred directly to the EPPerfect computer. But it is also possible to transfer the data to another EP laboratory via interface.
  The device can also be controlled via the software.
- A cooling pump can be connected to the ablator.

# EPPerfect Ablation Generator: Overview of technical data

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| **Impedence Unit** | |
| Measurement range | 70 – 500 Ohm ± 10 % |
| **Ablation Unit** | |
| Temperature range | User configurable target: up to 90°C, 1°C increments |
| Measurement range | 10°c...60°c ± 1°c, 61°c…100°c ± 3°c (catheter) |
| Present time | Up to 200 sec, increments 1 sec |
| RF frequency | 440 kHz ± 1 kHz |
| RF Output max | 100 Watt |
| Measurement range | ± 10 % between 60 – 99 Watt<br>± 5 % between 10 – 60 Watt<br>± 15 % between 0 – 10 Watt |
| **Mains** | |
| Voltage | 100-240 V |
| Fequency | 50/60 Hz |
| Power consumption | 350 VA |
| **Operational limits** | 6 hours continuous operation with intermittent ablations After 5 min. automatic stopping and acoustic signal. Requires restart of ablation. |
| **General** | |
| Classification | Class I and defibrillation proof type CF (as defined in IEC/EN 60601-1)<br>Class IIb (as defined in MDD 93/42/EEC) |
| Weight | 6 kg |
| Dimensions | 285 mm wide x 170 mm high x 27 mm deep |
| IP Ration | IP21 |