HARMONIC® technology versus advanced bipolar (ABP) devices

The **blade geometry and the technology** of HARMONIC® unite **precision** and **multifunctionality** that offers unique functions that advanced bipolar devices cannot: backscoring, tissue plane dissection and drilling/otomy creation.

**How HARMONIC® technology works**

1. **Hand piece converts electrical energy to mechanical energy.**
2. Mechanical energy heats, cuts and seals tissue via friction.
3. The heat starts in the blade and extends into the tissue, making the **blade hotter** than the tissue.

**How ABP technology works**

1. **Electrical energy** passes from active electrode to a return electrode.
2. Electricity is driven into the tissue and generates heat inside the tissue.
3. The heat generated in the tissue extends to the device, making the **tissue hotter** than the device.
4. “Radiated” electrical energy