

Upgrade of Bruker and Varian CW ESR to Pulse ESR

NEW! We offer a very affordable upgrade of Bruker EMX CW ESR and Varian CW ESR systems to a modern pulse ESR.

The upgraded system is based on conventional CW Bruker EMX or Varian systems. It maintains the original CW functionalities of these system, but with a switch of a button, transforms to a modern pulse ESR system.

System specifications:

- Frequency range 6-12 GHz (other bands, such as 2-6, 6-18, 33-37, or 92-97 GHz are also available)
- Arbitrary waveform pulses, with 0.4 ns resolution.
- Acquisition bandwidth of ~400 MHz.
- Output power of more than 30 W (export license restriction may apply)
- User friendly software with pre-defined sequences, such as FID, echo, stimulated echo, DEER, etc.. Also supports many scripts (field swept echo, T1, T2 scripts, etc..)
- Supports also ENDOR and ODMR experiments, flexible timing triggers available.

