



Make: BRUKER BIOSPIN, Germany
Model: EMX Plus
Source: Microwave X Band
Operation mode: Powder, liquid and crystal samples at RT and down to 100 K
Software: Bruker WIN EPR Acquisition, and Processing
Applications:

Physics: Susceptibility, semiconductors, Quantum dots, Defect centers

Chemistry: Free radicals formation, ET reaction kinetics, Organo metallic, catalysis, molecular magnets, electrochemical studies and spin labels

Material research: Polymers, glasses, superconductors, corrosion, fullerenes, carbon dating

Biology: Enzyme reaction. ET reaction, folding & dynamics, metal centers, structural elucidation

Medical research: In vivo free radical concentration and EPR imaging.