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EC Test Systems Sp. z o. o. delivers metrology, diagnostics and simulations solutions for excitation and acoustic field. Our company is the exclusive deliverer of the world's best leaders of the industry in Poland. We represent companies whose experience has been used by car manufactures, airlines, defense conglomerate and other undertakings which are operating in various branches of industry. Our offer includes also professional vision and thermovision systems.

We have been providing complex solutions in the measurements of dynamic scenes like explosions, high speed movement, excitations, collisions, fluid dynamics etc. We deliver integrated, research and development systems for thermal analysis (tensile tests, vibrothermography, pulse thermography and lockin) as well as solutions for carrying out a fatigue tests. We also offer measurements in the field of structural acoustics, 3D laser scanner and simulation software.

While delivering high-tech solutions, which currently are used on the market, our company helps to launch even most advanced research and development sites.

Our offer includes:

- Sensors: used in measurements of deformations, displacement, excitation, pressure, force, temperature, gyroscopes, pyrometers;
- Acoustic measurements: measurements microphones, pre-amplifiers, calibrators, particle velocity sensors, audio analyzers, acoustic and amplifier cameras, impedance tubes;
- Excitation tests: impact testing units, modal and electrodynamic exciters, vibrating calibrators and calibrating systems, electrodynamic strength machines;
- Thermo-vision and NDT: thermo-vision cameras, gas detection systems, infrared automation and monitoring, non-destructive thermography testing, ultrasound imaging camera, shearography, surface quality control system;
- Measurement systems: multi-channel mobile and laboratory measurements systems, high speed data recorder, 3D optic scanners, laser vibrometers, 1D and 3D scanning vibrometers (contactless excitation measurements in 3D), micro-structural research systems;
- Contactless velocity analysis: high speed cameras for room measurements, velocity and acceleration (linear and angular) measurements through vision, laser, impulse lighting data analysis, human movement in space analysis;
- Software: measurements and complex vibro-acoustic data analysis, mechanical construction simulations for durability, noise, excitation, dynamic testing, software for mechatronic units simulation, software for on-line and off-line analysis, modeling process and optimization, non-linear dynamic analysis, modeling and analysis of wind turbine and high speed rotating units;
- Telemetry: telemetric systems.