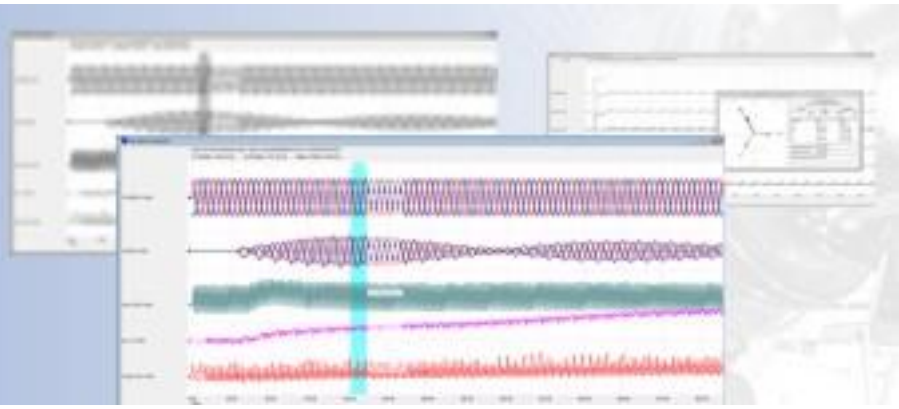
DPP103505

ROTORVIEW

rotor monitoring and diagnosis



ROTORVIEW-800

Equipment intended for monitoring and diagnosis of electric generator rotors

The high-speed data acquired from the running rotor is being sent wireless to a measurement and analysis system. This is the single measuring method for the rotor current in case of the generators having the rotating exciter-generator in the same axle.

Data acquisition is being performer continuously through 8 channels, with 16 bit resolution and 25 kS/s/ch speed.

Thus, rotor voltage and current waveforms and windings temperature are accurately reproduced.

Using the Fastview software, the analysis system processes in a complex manner the collected signals and delivers detailed information on the values and quality of the measured parameters, limit exceeding, asymmetries, interruptions, short-circuits, and identification of faulty components.

The software application may run independently or in parallel with the generator monitoring application to which it sends the rotor parameters online.

The equipment is supplied locally using the power generated by the exciting machine within a broad range of voltages (as requested).

Features

- Resolution: 16 bit
- Sampling rate: 25 kS/s/ch
- Power supply: 100-250V ca/cc or external acumulator
- Speed: 0-600 RPM
- Syze: 220x145x75

Measurement inputs

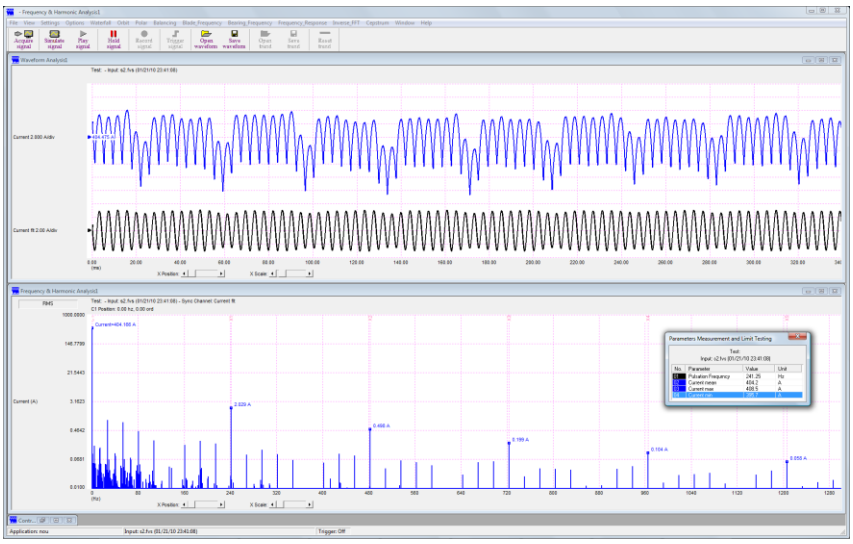
- 1 rotor voltage input, 0-5 kHz, galvanic separation 1500 Vrms, measuring range as request
- 1 rotor current input, 0-5 kHz, galvanic separation 1500 Vrms, measuring range as request
- 6 temperature input , RTD transmitters, measuring range as request

Components

- ROTORVIEW-800 acquisition and transmission module (include the voltage transducer)
- Current transducer
- FASTVIEW acquisition and analysis software
- User's manual
- Calibration certificate
- External acumulator (optional)
- Wireless switch (optional)

Product code

ROTORVIEW-800 _ transducers options



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