

Data Storage and Analysis Software for TMS-5441 & TMS-5141 Instruments

Key Features

- Multiplant / Instrument Functionality
- Multi User
- Client / Server Architecture
- Data Storage in SQL Database
- Build-in Data replication
- Historical trend and Event based Datastorage and Visualisation

Applications

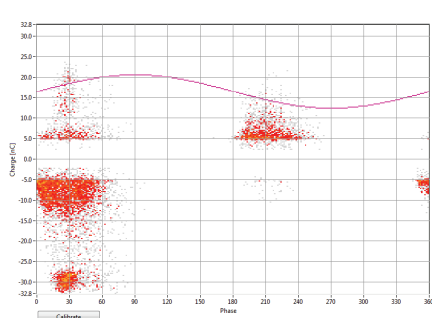
- Turbo Generators
- Hydro Generators
- Large Industrial Motors

TMS-2000

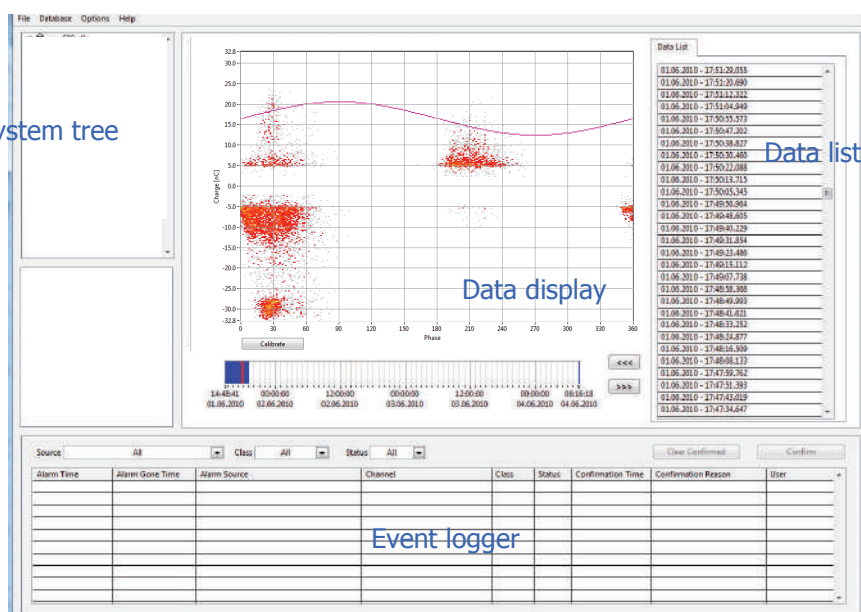
General Description

The **TMS-2000** Data Storage and Visualisation is a multiplant / multiuser capable data storage software ideally made for analysis of partial discharge results over mutple plants and units. The server / client structure allows to store data locally and visualize data from local or remote client.

Data is stored within a SQL based database running on a windows based computer. The build in replication service allows to have either a live backup server or allows to merge multiple databases into one single one (Data centralisation within e.g. Company Headquarter)



System tree



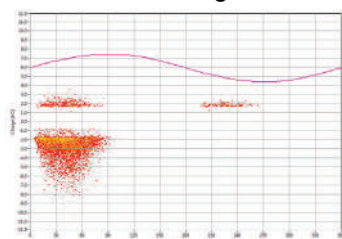
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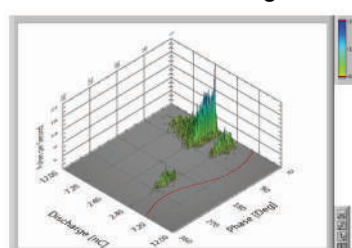
PD Data Visualisation

TMS-2000

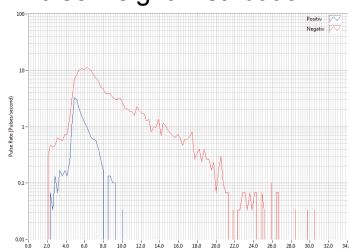
2D Partial Discharge Pattern



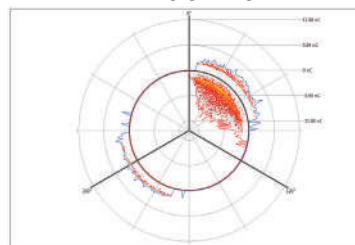
3D Partial Discharge Pattern



Pulse Height Distribution



Polar View



Trend Parameters

Per Individual PD Channel, the following parameters are available for long term trend:
Number of Pulses, Pulse Repetition Rate, Quadratic Rate, Average Discharge Current, Apparent Charge, PD Level @ 5 PPS, PD Level @ 10 PPS

General Specifications

General:

Supported Database Postgres SQL 8.4
Backup: Build in
DB Merging: Build in (star)

Supported Operating Systems

Windows XP
Windows vista (32bit)
Windows 7 (32bit)

TMS-2000 Server

Max Number of Instr. per server: 32

Minimum System Requirements

Disc Space (application only) 150MB
Memory RAM 2GB

TMS-2000 Client

Max Number of Users: unlimited Screen Resolution 1600 x 900pxl (16:10)

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