



## TABULA™ Data Acquisition System

The TABULA™ Data Acquisition System from Powertech is a powerful portable data acquisition system based on a laptop computer with a data acquisition card and custom signal conditioning hardware. The key to the power of the system is the software; a suite of programs developed for electrical utility testing applications such as generator transient performance evaluation, laboratory testing, and advanced power quality analysis. The Basic Test Kit fits in a briefcase, while a Deluxe Test Kit with leads and adapters for performing 16 channel measurements in generating stations fills two travel cases.

### Digitizer Options

- High resolution: 16 bit resolution, 16 channels at up to 20 kHz total sampling rate
- High speed: 12 bit resolution, 16 channels at up to 500 kHz total sampling rate

### Signal Conditioning Modules

- Three channel AC voltage module, 120 to 600V inputs.
- Clip on ac/dc current probes, 30 A rms
- Wired in or plug-in ac/dc current probes, 1A to 50 A rms
- Four channel DC isolating amplifiers, 1000V isolation, mV to kV inputs

### Recording and Analysis capabilities

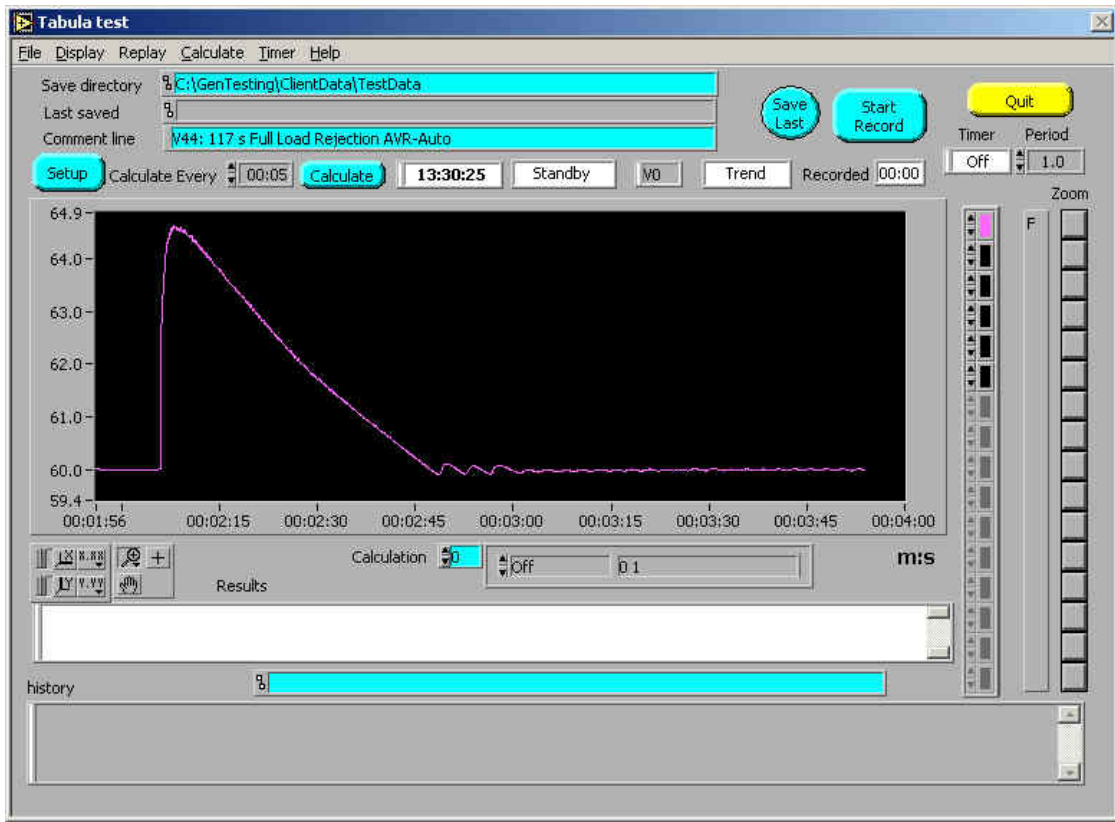
- Continuous recording to disk
- Live viewing of rms, raw waveforms, frequency, dc, phase display, etc.
- Automatic calculation and logging of voltage, current, phase, power, frequency, etc.
- Playback and analysis of recorded waveforms with complete analytical capability
- Export calculated quantities to a spreadsheet for model development, plotting or further analysis

### Applications

- Generator testing for model development or performance evaluation
- Power system troubleshooting
- Bench top testing



TABULA™ is available in a Basic Test Kit or a Deluxe Generator Test Kit including all required components and connectors in hard-shell carrying cases.



Tabula Main Window- Frequency presently being displayed

For further information, contact:

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