

LTT Measurement Systems with GSM module for troubleshooting intermittent errors

What do you do when a machine or an electronic instrument fails intermittently?

You probably know this situation and how difficult or even impossible it can be for the arrived specialist to provoke this error for analysing purposes. Typical demo effect: The instrument/machine runs faultlessly.

Did you ever consider putting a measurement system on the lookout for these errors?

Yes? - But what is the right instrument for the job?

- It should be small and computer-independent.
- When an error occurs, data acquisition should start automatically with a pre-trigger to capture the preliminary history for identifying the error cause.
- When the error occurs, the technician in charge should be informed immediately.
- The storage capacity should be sufficient for several minutes of data recording.
- The sampling rate per channel should be in the MHz range, in particular for testing electronic components.

LTT Transient Recorders and SensorCorder are a good choice:

- The 8- and 16-channel instruments are notebook-sized and optionally equipped with an internal 40 GByte IDE hard disk.
- Choice of any trigger condition settings, even for missing events.
- Once the settings are saved in the instrument, you can focus the measurement system with a press of a button.
- When an error occurs, the optional GSM module will automatically send a SMS to a deposited mobile phone number. Thus, the technician is always kept informed about occurring errors and the number of trigger events.
- When the trigger condition is fulfilled and the error occurs, the recorder will write the measured data (with preliminary history) to the internal hard disk.
- The sample rate of the instruments can be chosen flexibly, from few Hz to several MHz. In addition, they offer 16 digital channels for monitoring switching states.

With LTT measurement equipment you will be able to respond flexibly at any time and to minimise the effort and expenses of troubleshooting.

Please feel free to contact us if you have any questions.

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LTT 186/16 Transient Recorder



LTT 182/16 SensorCorder