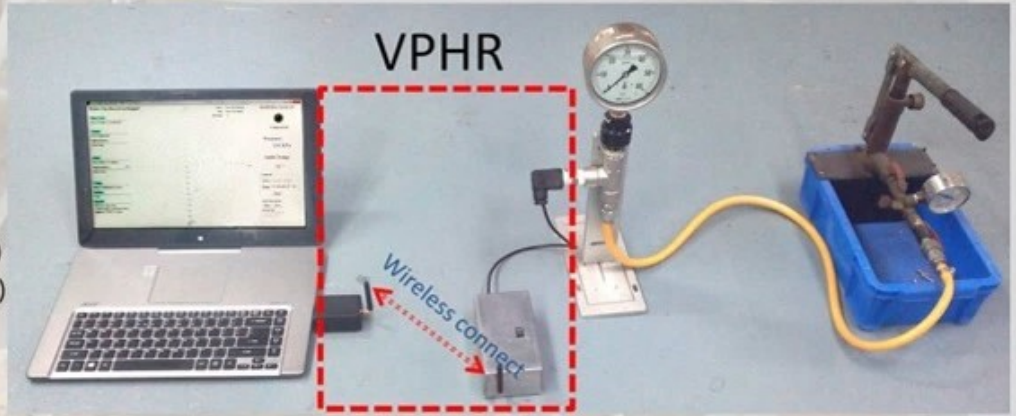


*VPHR: Very Portable Hydrotest Recorder*

### VPHR Components:

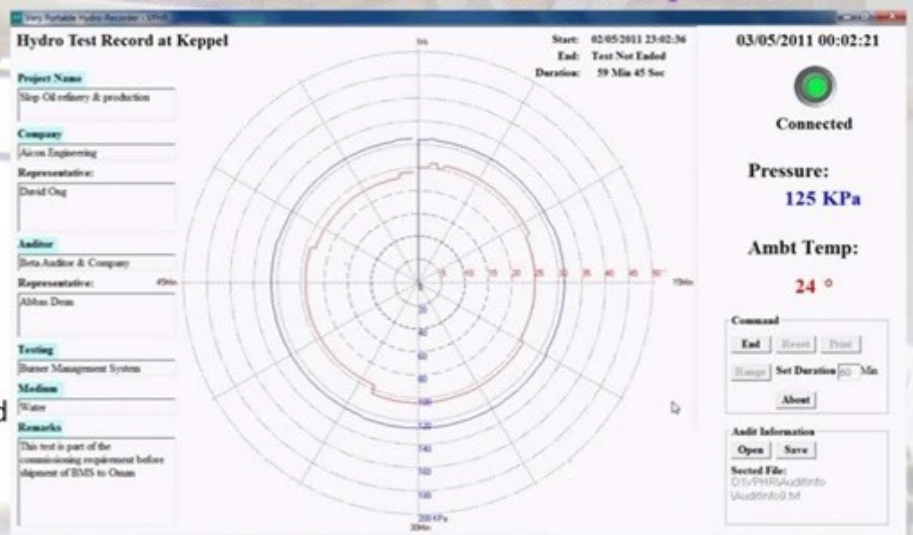
- \* Pressure transmitter of any specific range of pressure
- \* Interface driver to link up transmitter & PC (Via USB, Wifi, Bluetooth, RF...)
- \* Pentium Laptop (Windows OS) with pre-installed VPHR software



### Radar Chart for Pressure and Temperature

### VPHR Special Features:

- \* Only Laptop, Interface driver and pressure transducer are needed for hydro test purpose
- \* No external power supply needed (very handy).
- \* Live capturing of pressure result is generated by VPHR software on any PC via serial connection to pressure transducer on test pipe line.
- \* Ambient temperature data record is running in parallel with pressure record with separate pen & range on chart.
- \* No calibration needed on VPHR, only transmitter needed to be calibration.
- \* VPHR software includes user friendly control for parameter setting for adapting to various ranges.
- \* The radar chart in VPHR software is capable of monitoring any duration (1hr, 4hr, 36hr.....) of pressure record.
- \* The radar chart in VPHR software is Auto ranging which is capable of recording any pressure range in a very comprehensive presentation for audit purpose.
- \* The test conductor can fill in the relevant info at the info column for audit purpose.
- \* The test duration, start time, stop time and date is presented comprehensively at the info column
- \* The online indicator blinks showing there is communication linkage between PC and transmitter.
- \* The capturing of pressure info is instantaneous where any sudden drop (in millisecond) will be captured
- \* The completed record can be printed to PDF readily.



### Traditional Hydrotest Recorder Disadvantages

- \* Bulky and not convenient to carry around
- \* Needs external AC power supply to drive the operation
- \* Needs some degree of knowledge to setup for Hydrotest
- \* Expensive and difficult to maintain
- \* Intensive calibration needed before Hydrotest



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