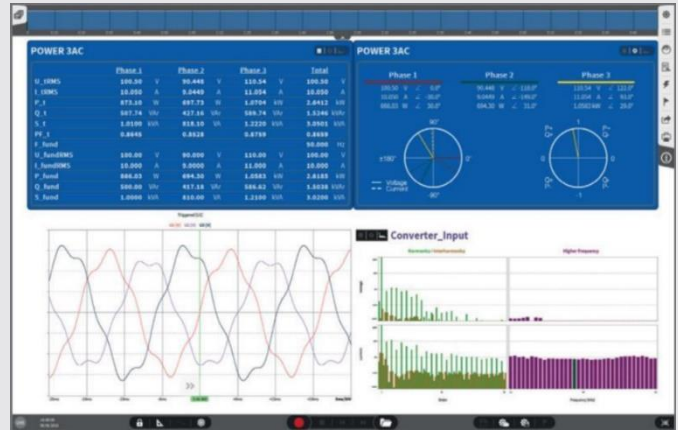


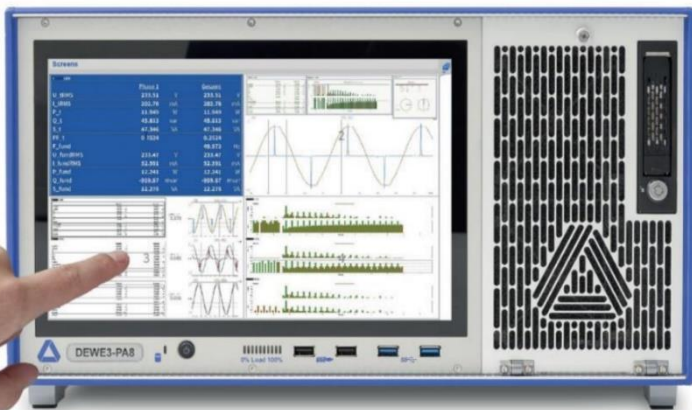
OXYGEN Test Software

OXYGEN test software can store real-time data from multiple synchronized acquisition signals, and perform power analysis:

- >1-9 phase power group test analysis (1 phase 2 wires, 2 voltages 2 currents, 3 phases 3 wires, 3 phases 4 wires, 6 phases 6 wires, ...).
- >Multiple measured power units can be calculated and analyzed in the same power calculation module.
- >Gap-free cycle calculation, no blind spots.



Flexible editing of the test interface



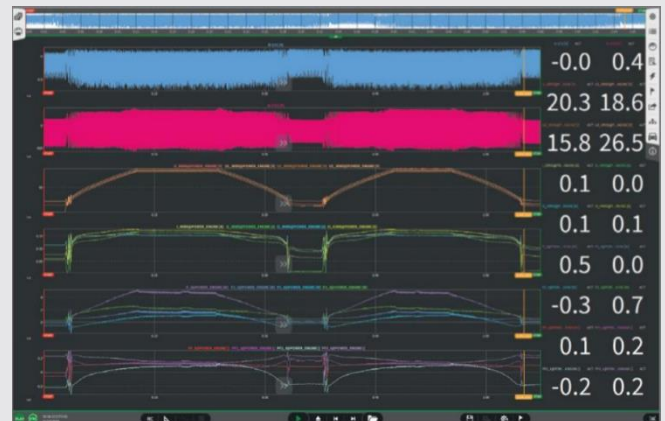
With DVT's power analyzers, users have the flexibility to edit different test profiles. You can either use the traditional power analyzer display or drag and drop (finger multi-touch or mouse/touchpad) to create your own display and switch between the two displays. Users can create multiple test displays and easily switch between them.

Likewise, you can switch between parameters and display types while storing up to 10 MS/s of real-time data. All test interfaces and test data are synchronized and refreshed, whether it is harmonics, real-time current and voltage waveforms, or FFT spectra and other relevant parameters.

Real Time Data & Waveforms Recorder

Real-time waveform waveforms, multiple complex signals, and power analysis results? One DEWETRON power analyzer covers all of these functions.

All analog and digital signals, as well as high-performance power analysis calculations for multiple power groups, can be stored continuously in real time. rate analysis calculations for multiple power groups, all with real-time continuous data storage.

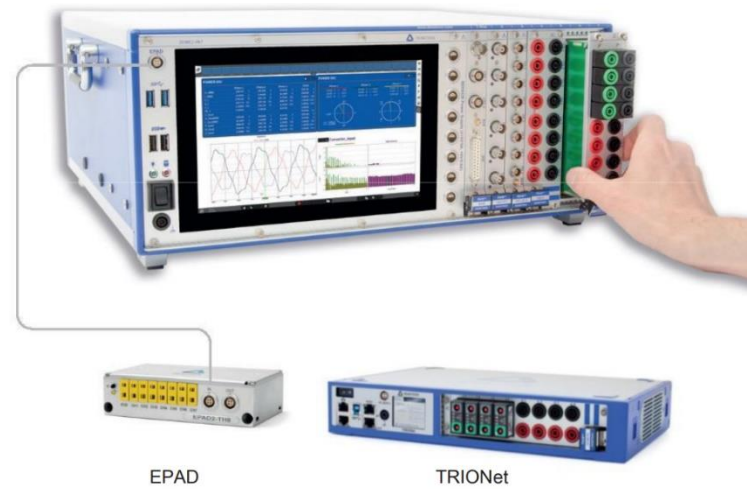


Modularity & Scalability

Do I need to expand the test channels?

If the DEWE2 or DEWE3 power analyzers have extra slots, just plug the If the DEWE2 or DEWE3 power analyzer has extra slots, you can simply plug the additional acquisition boards into the chassis to synchronize all data acquisition.

If the above solution is still not sufficient for the number of channels, the power analyzer can be extended to connect to the TRIONet. extended by connecting the power analyzer to a TRIONet for even more dynamic signal acquisition. In addition, the power analyzer can also be extended with a CPAD/EPAD for slow-change signal testing.



Meets industry test standards



DVT power analyzers for harmonics, interharmonics, as well as higher harmonics and flicker. The analytical calculations are based on the following criteria:

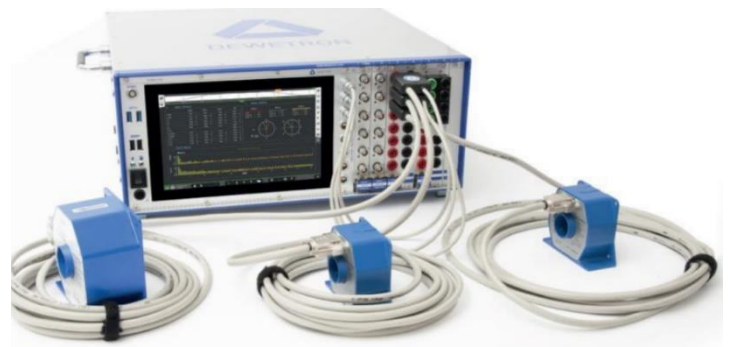
- >IEC 61000-4-7
- >IEC 61000-4-15
- >IEC 61400-21

The safety standard for power analyzers is CAT IV - the highest standard class in the power analyzer market. standard class in the power analyzer market.

Integrated Current Sensor Power supply

DEWETRON Power Analyzers offer an 8-channel current sensor power supply interface that allows users to avoid purchasing an additional power supply box and connect current sensors directly to our power analyzers.

The current transducer power supply interface provides 9V and $\pm 15V$ power to the transducer, which is suitable for almost all types of current transducers.



OXYGEN-NET

For distributed test solutions

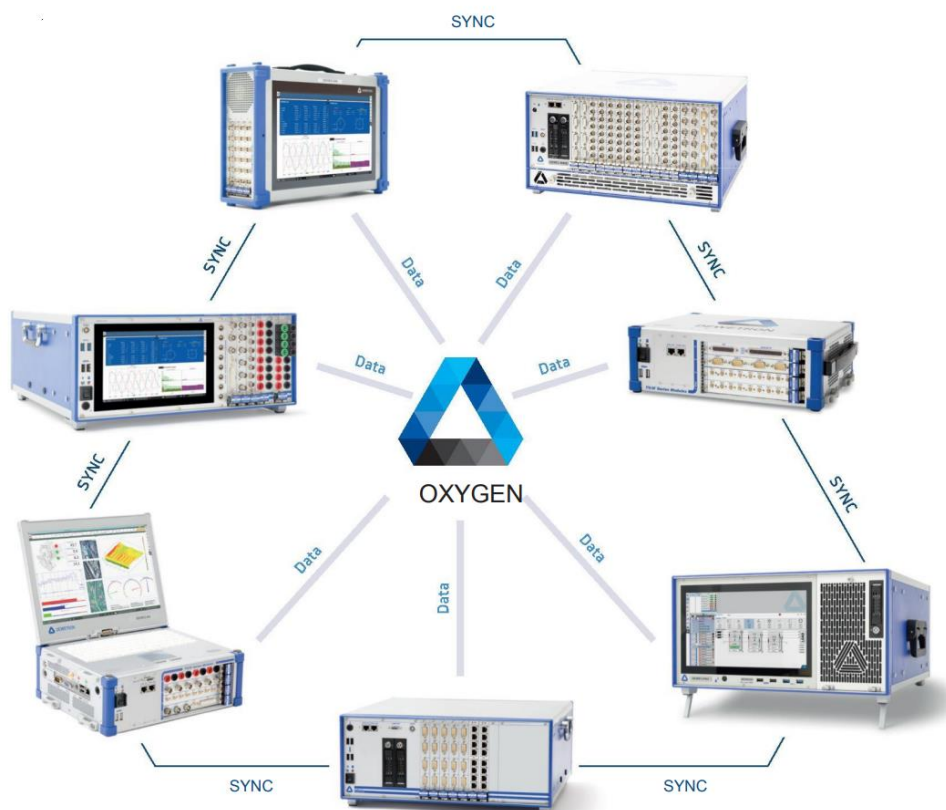
Many test applications require synchronized acquisition of multiple devices, even at different test locations. OXYGEN-Net can realize the above mentioned synchronized acquisition of multiple devices. OXYGEN-Net can realize the above synchronous acquisition of multiple devices, which only requires a reliable LAN connection and simple software operation. OXYGEN-Net can realize the above synchronous acquisition of multiple devices with only a reliable LAN connection and simple software operation.

> Multiple remote units to form a large test system

> Simple synchronization operation, no need for complex software settings, one button to add remove remote units.

> Test data can be stored both remotely and locally.

> Absolute time synchronization is possible with TRION-SYNC-BUS. Synchronization



Bench integration

Flexible data interface technology allows the power analyzer to be easily integrate into automated systems and test environments, while it guarantees reliable data transmission via TCP/IP-based protocols and standards-compliant protocols (e.g. ASAM) and file formats. Remote control and remote configuration are easily realized through TCP/IP-based protocols and standards-compliant protocols (e.g. ASAM) and file

Data interface

DVT devices offer a variety of data interfaces for integration into a pedestal or any other third-party platform. They can be used in virtually any environment where communication and control are required. communication and control.



		SCPI	XCP	ETHERCAT	DATA STREAM	ETHERNET RECEIVER	CAN/CAN-FD
	Physical layer connectivity	Ethernet	Ethernet	TRION EtherCAT	Ethernet	Ethernet	TRION-CAN / Vector CAN-FD
OUTPUT	Transmission rate	≤ 100 S/s ≤ 10 kS/s (ELOG)	≤ 10 kS/s	≤ 500 S/s	10 kS/s - 2 MS/s	No	≤ 100 S/s
	Maximum channel	> 100	< 20	≤ 100	> 100	No	> 20
	Provide collection timestamps	Yes	Implicit	Yes	Yes	No	No
INPUT	Transmission rate	Signal input not possible				100 S/s - 1 kS/s	< 1 kS/s
	Channel number					> 100	> 100
	Synchronization to capture timestamp					Yes	Receive timestamp
CONTROL	Start/Stop storage	Yes	Yes	Yes	No	No	No
	Save/Save profile	Yes	No	Partly	No	No	No
	Modify the file name	Yes	No	No	No	No	No
	trig	No	No	No	No	Yes	Yes
	Comment	Universal data interface Suitable for almost all applications	For CANape or INCA	Automation Bus	Real-time data transmission	Receive UDP packets	Vehicle bus