

PRESS RELEASE



New Product Announcement
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New Oil & Solid Dielectric Analyzer Tettex 2831/2831



The Tettex 2830/2831 is designed to test dielectric properties of liquid and solid insulating materials. **It incorporates a fast and highly advanced procedure to measure Capacitance and $\tan \delta$, DC resistance and relative permittivity ϵ_r (dielectric constant) of liquid or solid insulating materials.**

A simple one-time-connection system together with resistance measurement according to pre-selectable standards drastically reduces measuring time.

The instrument works on the principle of a combined bridge-vector-meter and is capable of analyzing capacitance and resistivity on oil and solid insulating sample with outstanding accuracy (capacitance 0.2%, $\tan \delta 1 \times 10^{-5}$) and stability.

The Graphical User Interface of the instrument is highly intuitive, is focused on convenience with built-in useful programs and uses a large color touch screen as the input device.

While the manual mode provides quick measurements, the automatic test mode supports complete programmed and automated test sequences according to selectable standards.

Advanced software and hardware functionalities such as; defining up to 10 cells, heating two test cells at the same time and graphical visualization of measured data, etc. make this instrument a powerful tool for analysis of high-voltage insulating materials.

The instrument incorporates standard USB & Ethernet interfaces which enable easy exchange of measurement results, related settings, etc. for further analysis or reporting.

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