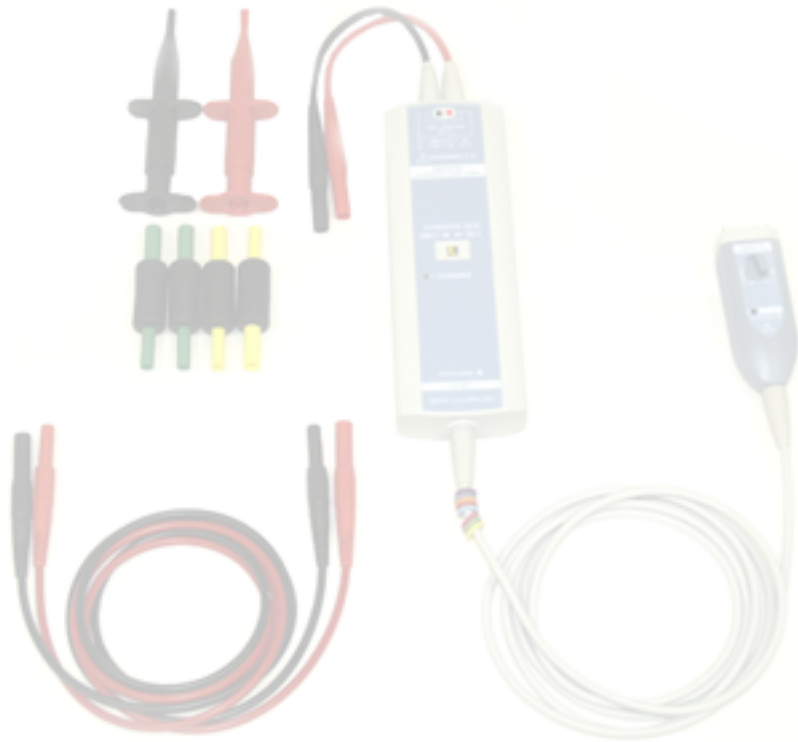


## **High-speed differential probe enables high-voltage oscilloscope measurements**



The Yokogawa Model 701927 is a new high-speed differential probe for high-voltage floating signal measurements, using the company's DLM2000 series of mixed-signal oscilloscopes and other instruments equipped with the Yokogawa probe interface. The 701927 has a 3 dB bandwidth of DC to 150 MHz, and can measure differential or common-mode voltages up to  $\pm 1400$  V (DC plus AC peak) or 1000 V RMS. For ease of use, the compact unit features automatic attenuation detection and obtains its power supply via the Yokogawa probe interface. Input attenuation ratio is switchable between 1/50 and 1/500.

A one-meter long extension cable, allowing the probe to be used in thermostatic chambers or for measurements on large or hot devices, is included as standard. Even when this extension is used, a high bandwidth of 100 MHz is maintained.

The 701927 probe is ideally suited to the requirements of the mechatronics, automotive, and power electronics sectors for testing devices such as motors, power supplies, and invertors. The new probe further extends Yokogawa's ability to offer an extensive choice of solutions for testing in these sectors, including versatile and flexible ScopeCorders, high-speed oscilloscopes, and high-precision power analyzers.

For further information about the Model 701927 high-speed differential probe, visit [www.tmi.yokogawa.com](http://www.tmi.yokogawa.com) [1].

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### Links:

[1] <http://www.tmi.yokogawa.com>