

- ▶ 0.001Hz to 3000MHz or 6000MHz frequency range
- ▶ TCXO timebase with better than 1ppm stability
- ▶ Frequency, period, pulse width and totalise modes
- ▶ Reciprocal counting measurements
- ▶ High impedance measurement up to 125 MHz
- ▶ Low pass filter, attenuator and trigger level control
- ▶ AC or DC coupling, 1M/50Ω selection, polarity invert
- ▶ Large 10 digit LCD display with annunciators
- ▶ Operation from built-in rechargeable batteries
- ▶ Low power consumption
- ▶ Remote control and readback via USB

The TF930 and TF960 are a high quality bench/portable universal frequency counters which offers period measurement, frequency ratio, pulse width and event counting.

They use an advanced reciprocal frequency counting technique to achieve high resolution at all frequencies. A dc coupled input enables VLF measurements to be made (down to 1mHz). The timebase uses a high quality TCXO crystal with a very low ageing rate. An external reference can also be used.

The large 10 digit LCD has a full set of annunciators. Measurement times can be set between 0.3 seconds and 10 seconds.

Pulse width measurements can be made from rising to falling or falling to rising edge with adjustable thresholds. A variable attenuator is incorporated the input impedance is switchable between 1MΩ and 50Ω.

The instruments operate from internal rechargeable NiMH batteries which give typically 24 hours operating life. The universal AC charger supplied will recharge the batteries in less than 4 hours and can be used for continuous AC operation.

Full remote control and read-back is provided via a USB interface.

*Note: Full technical details are available on the web site.*



**NEW Model**

## TF930 & TF960

- ▶ DC to 3GHz/6GHz frequency range
- ▶ Frequency, period, pulse width, ratio and event counter modes
- ▶ Rechargeable batteries
- ▶ USB interface included

The new TF960 is an extended version of the TF930 with an additional input covering <2GHz up to >6GHz.

Signal connection is via a standard N connector and high sensitivity is maintained across the frequency range.

- ▶ 3Hz to 3000MHz frequency range
- ▶ Frequency and period measurement
- ▶ High sensitivity at all frequencies
- ▶ Switchable low pass filter
- ▶ Continuous reciprocal counting measurement
- ▶ 0.001mHz low frequency resolution
- ▶ Push-to-measure function with auto power-down
- ▶ Large 8.5 digit display with full range of annunciators

*Note: Full technical details are available on the web site.*

The PFM3000 is the latest handheld frequency counter from TTI offering measurement up to 3GHz.

It provides high impedance measurement up to 125MHz and 50Ω measurement up to 3000MHz, with excellent sensitivity across all frequencies.

It can measure both frequency and period and uses a continuous reciprocal frequency counting technique which gives high resolution and accuracy at all frequencies.

Despite its wide frequency range the PFM3000 has a low power consumption enabling it to operate for many hours from a disposable battery.

A push-to-measure capability is provided to extend battery life when continuous signal monitoring is not required.

## PFM3000

- ▶ 3Hz to 3GHz frequency range
- ▶ Frequency or period display
- ▶ Continuous reciprocal measurement
- ▶ Handheld format
- ▶ Long battery life

