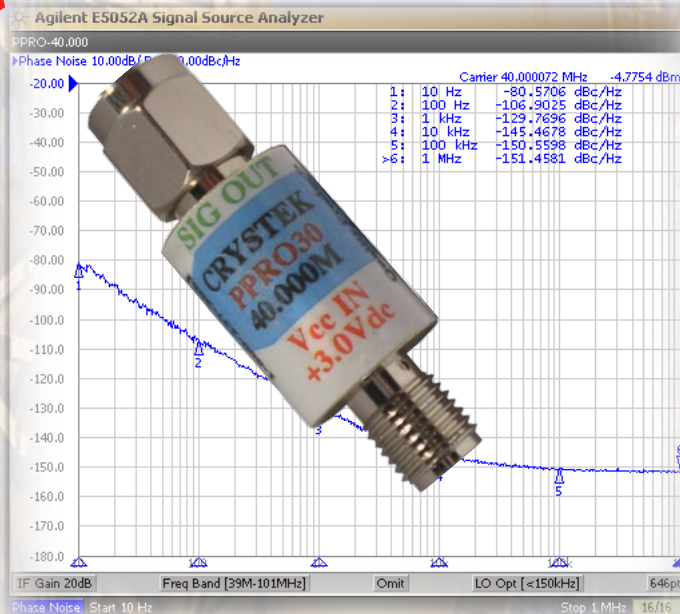




CRYSTEK
CRYSTALS
A DIVISION OF CRYSTEK CORPORATION

PRECISION POCKET REFERENCE OSCILLATOR

**New
PPRO Series**



Actual Size

Crystek's new **PPRO** Series, **P**recision **P**ocket **R**eference **O**scillator is an another industry first! A complete Clipped-Sinewave TCXO has been integrated into a rugged SMA housing. Simply connect +3.0Vdc to the female SMA side, and it will output a Low Phase Noise, High Stability signal from the male SMA side. Frequency stability is ± 2.5 ppm MAX over -20°C to 75°C. Available off the shelf in many standard frequencies. Perfect for Lab use and reference boards as an input reference.

Part Number	Description
PPRO30-10.000	10.000MHz, 3.0V ± 2.5 ppm Max(-20/75°C)
PPRO30-13.000	13.000MHz, 3.0V ± 2.5 ppm Max(-20/75°C)
PPRO30-19.200	19.200MHz, 3.0V ± 2.5 ppm Max(-20/75°C)
PPRO30-26.000	26.000MHz, 3.0V ± 2.5 ppm Max(-20/75°C)
PPRO30-40.000	40.000MHz, 3.0V ± 2.5 ppm Max(-20/75°C)

Temperature Range: -20°C to +75°C
Operating Temp.: -40°C to 85°C
Storage: -45°C to 90°C
Input Voltage: +3.0V $\pm 5\%$
Input Current: 1.2mA Typ., 2mA Max
Output: Clipped Sinewave
Load: 10Kohm // 10pF Typ.
Phase Noise:
Offset 100Hz: -110 dBc/Hz Max
Offset 1KHz: -130 dBc/Hz Max
Harmonics: -5dBc Max



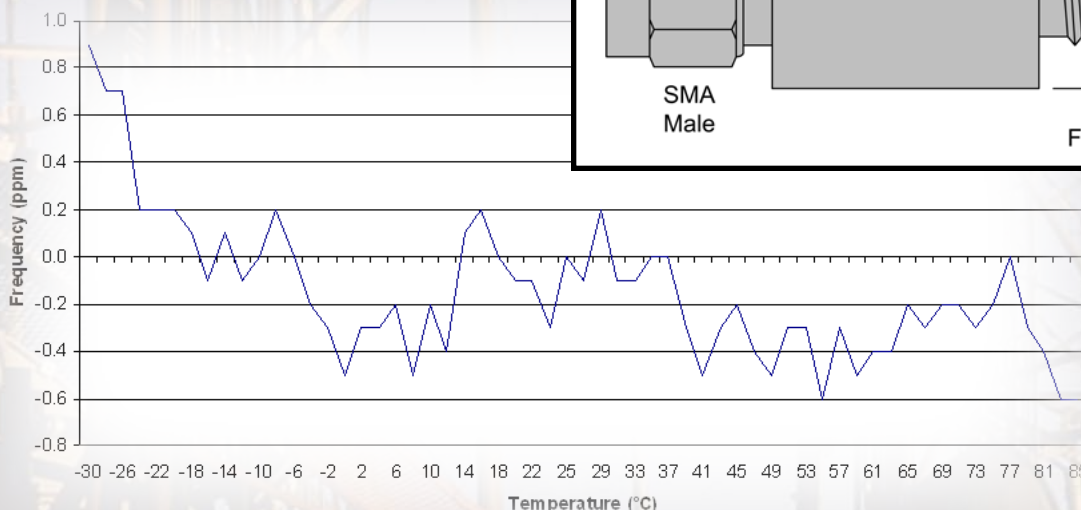
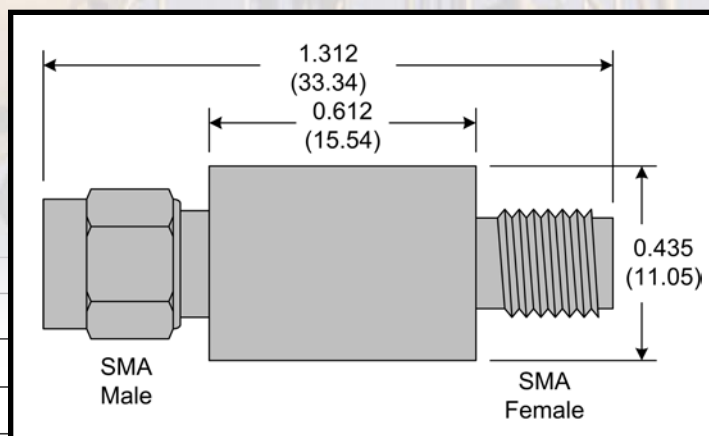
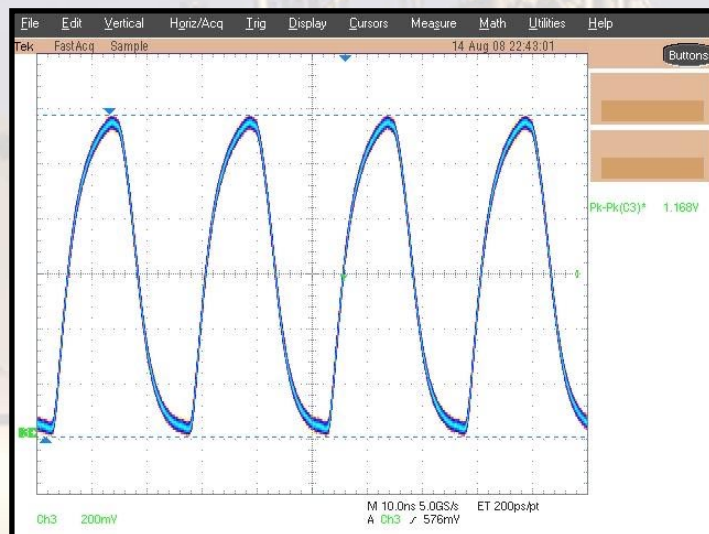
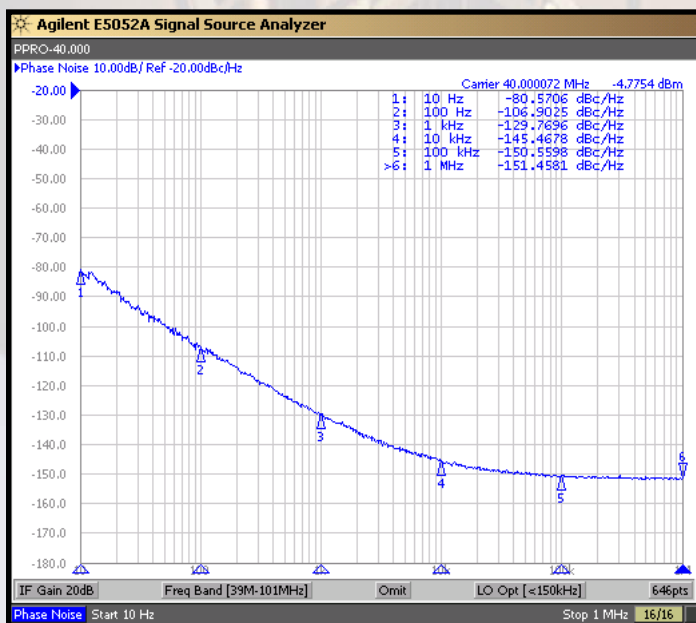
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PRECISION POCKET REFERENCE OSCILLATOR

Available Accessories:

Power Supply Banana Plug
SMA to BNC Power Cable
Signal Injection Cable
DC Power Supply

Visit our Website for additional Information
WWW.CRYSTEK.COM



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