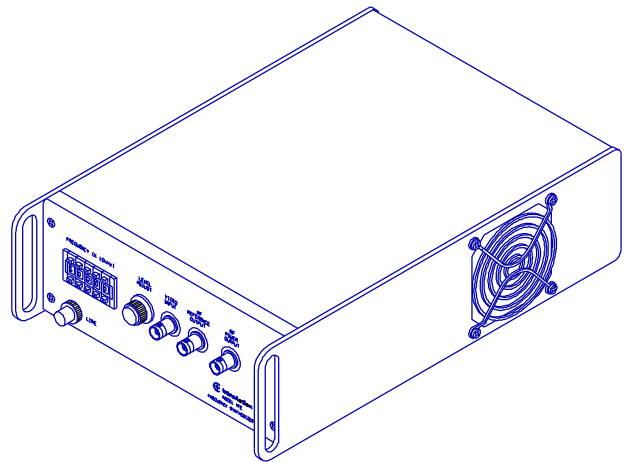


MODEL VFE SERIES VARIABLE FREQUENCY SOURCE

- A/O TUNABLE FILTER DRIVER
- A/O FREQUENCY SHIFTING
- LDV APPLICATIONS
- INTERFEROMETRY
- STABLE FREQUENCY SOURCE
- COMPUTER INTERFACE AVAILABLE
- LOW LEVEL RF REFERENCE OUTPUT



SPECIFICATIONS

Frequency Setting Control

Optional Addition Computer Interface¹

Frequency Access Time

Frequency Resolution

Frequency Stability

Spurious Content

RF Output Power Capability³

Amplitude Modulation⁴

Harmonic Output

Input / Output Impedance

RF Reference Output

Main Power

Size

Front panel switches (standard all models)

Parallel and serial ports

< 10 msec

10 kHz

TCXO² stability +/- 1 ppm (0-50°C)

-45 dBc

4 watts (level control maximum, no input)

Analog (0-2 watts RF output for 0-1 volt input)

< -20 dBc (at full rated RF output)

50 ohms

+10 dBm

115/230 VAC, 50-60 Hz

9.0(22.9)W x 3.5(8.9)H x 13.5(34.3)D inches(cm)

MODEL

Frequency Range (MHz)

VFE-404A4

30-50

VFE-604A4

40-80

VFE-754A4

50-100

VFE-1104A4

70-140

VFE-1204A4

80-160

¹ In model designation, change A to C.

² TCXO....Temperature Compensated Crystal Oscillator.

³ 5 watt RF output available, 0-5 watts RF output for 0-1 input.

⁴ Optional digital and inverse digital modulation capability available.

Note: Also available is the DFE series Dual Frequency Source with two RF outputs - one fixed frequency and one variable frequency.