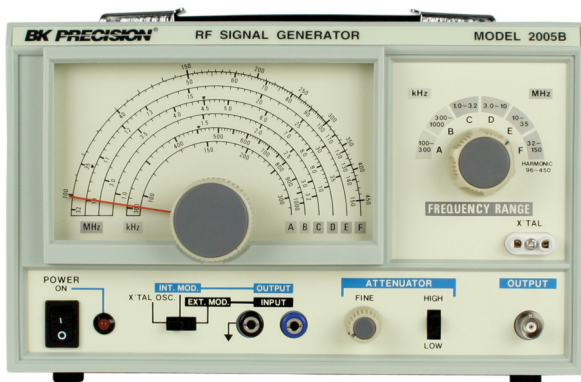


Data Sheet

150 MHz RF Generator Model 2005B



The 2005B supplies sine wave outputs from 100 kHz to 150 MHz (harmonics usable to 450 MHz) at up to 100 mV (RMS). The output can be amplitude modulated with an internal 1 kHz signal or with an external audio signal up to 1 V (RMS). An external crystal can be plugged in for precise frequency control. The output is provided via a BNC female connector.

- 100 kHz to 150 MHz on six bands
- Output to 450 MHz on harmonics
- AM modulation, internal or external Step and variable attenuation

| Specifications | 2005B |
|---------------------------------|---|
| Main Output | |
| Frequency Range | 100 kHz to 150 MHz (up to 450 MHz on third harmonics) A) 100 kHz-300 kHz B) 300 kHz-1 MHz C) 1 MHz-3.2 MHz D) 3 MHz-10 MHz E) 10 MHz-35 MHz F) 32 MHz-150MHz (96-450 MHz on harmonics) |
| Dial Accuracy | ± 3% |
| RF Output Level | Continuously variable. Step attenuator provides approximately 20 dB of attenuation |
| Maximum Output | Approximately 100 mV rms to 35 MHz. Continuously variable in hi or lo step, at least 20 dB range of adjustment |
| Frequency Monitor Output | |
| Frequency | 100 kHz to 150 MHz |
| Level | 50 mV rms min. fixed, unmodulated signal |
| Amplitude Modulation | |
| Internal | Frequency 1 kHz; level continuously variable. Modulation signal available at front panel jack; fixed 1 V rms (min) into approx. 10 k Ω |
| External Frequency | 50 Hz to 20 kHz |
| Sensitivity Approximately | 100 mV rms |
| General | |
| AC Input | 120/220/240V ± 10%, 50/60 Hz |
| Dimensions (HxWxD) | 5.91 x 9.84 x 5.12" (150 x 250 x 130 mm) |
| Weight | 5.5 lbs. (2.5 kg) |
| One-Year Warranty | |
| Included Accessories | BNC to insulated clip output cable, detachable power cord, and instruction manual |

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