

# kM3102 Manual Noise Generator

## 10MHz - 2GHz



### kTB Manual Noise Generator

The kM3102 noise generator offer a convenient, economical, and rugged solution for a wide range of noise testing applications.

Manual control via a rotary attenuator on the front of the instrument.

Frequency band : 10MHz to 2GHz.

## General Specifications

|                           |                             |
|---------------------------|-----------------------------|
| <b>Model:</b>             | <b>kM3102</b>               |
| <b>Frequency:</b>         | <b>10MHz to 2GHz</b>        |
| <b>Power:</b>             | <b>0dBm</b>                 |
| <b>Flatness:</b>          | <b>+/- 2.5dB</b>            |
| <b>Spectral Power:</b>    | <b>-93dBm/Hz</b>            |
| <b>Noise Attenuation:</b> | <b>100dB in 0.1dB steps</b> |

**Output White Gaussian noise**

**115/240VAC, 50/60 Hz**

**Standard connector SMA female**

**3U high enclosure**

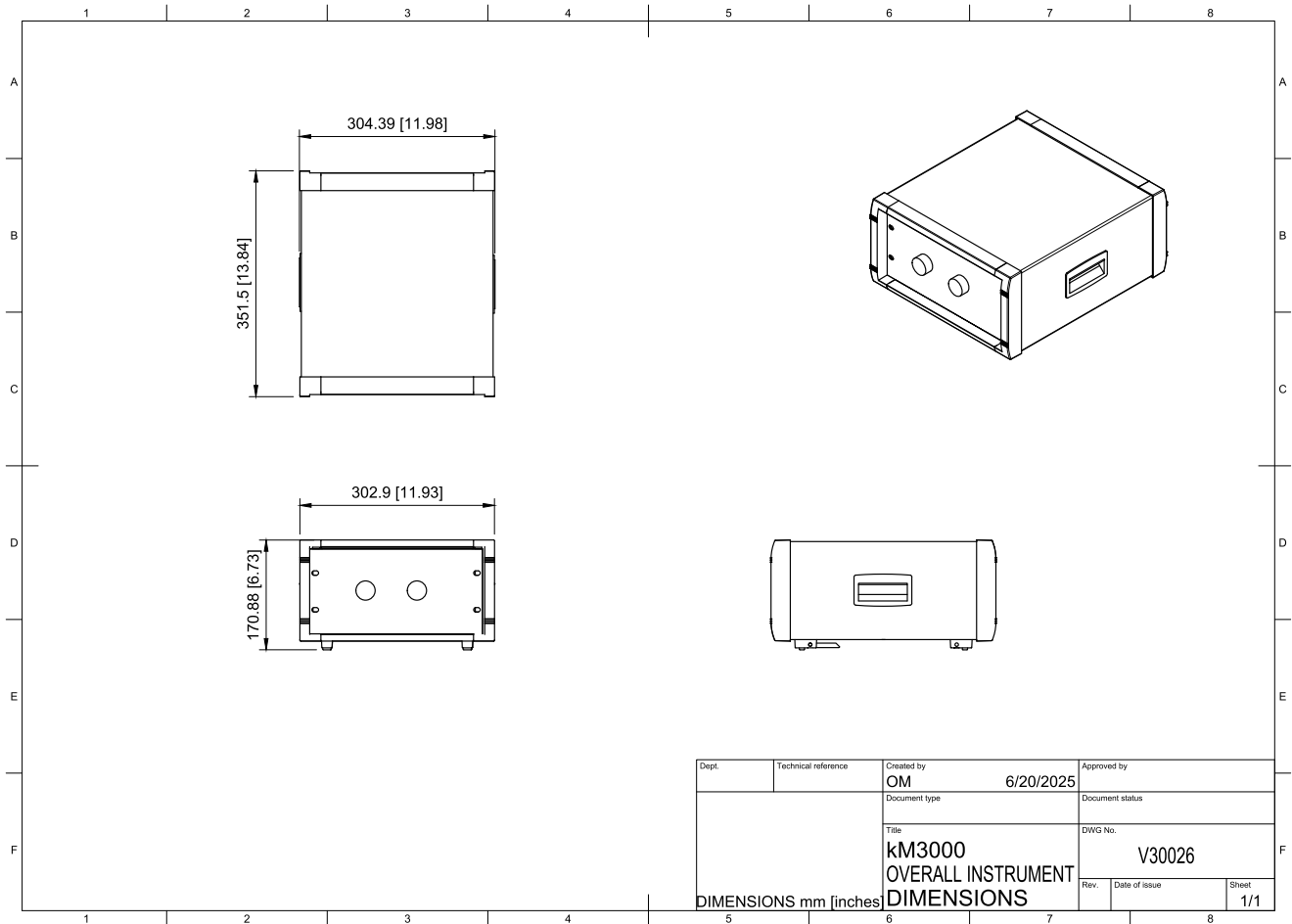
**Operating Temperature: -10° to +65°C**

## Options

- kM-B** BNC RF connectors
- kM-N** Type N RF connector
- kM-C** Signal Combiner, to combine the noise to a user applied signal.
- kM-P** Custom output noise power ( e.g. kM-P+10 : custom power +10dBm )

## Applications Include

- BER Testing (Eb/No, C/N, SNR)
- Jamming
- Jitter tolerance testing
- GPS receiver testing
- EMI testing
- System and component test



**KM 3102 Dimensions**

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