

# kM3218 Manual Noise Generator

## 2Hz - 18GHz



### kTB Manual Noise Generator

The kM3218 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 : 2Hz to 18GHz.

## General Specifications

|                           |                            |
|---------------------------|----------------------------|
| <b>Model:</b>             | <b>kM3218</b>              |
| <b>Frequency:</b>         | <b>2Hz to 18GHz</b>        |
| <b>Power:</b>             | <b>-10dBm</b>              |
| <b>Flatness:</b>          | <b>+/- 2.5dB</b>           |
| <b>Spectral Power:</b>    | <b>-112dBm/Hz</b>          |
| <b>Noise Attenuation:</b> | <b>60dB in 0.1dB steps</b> |

**Output White Gaussian noise**

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

**Standard connector SMA female**

**3U high enclosure**

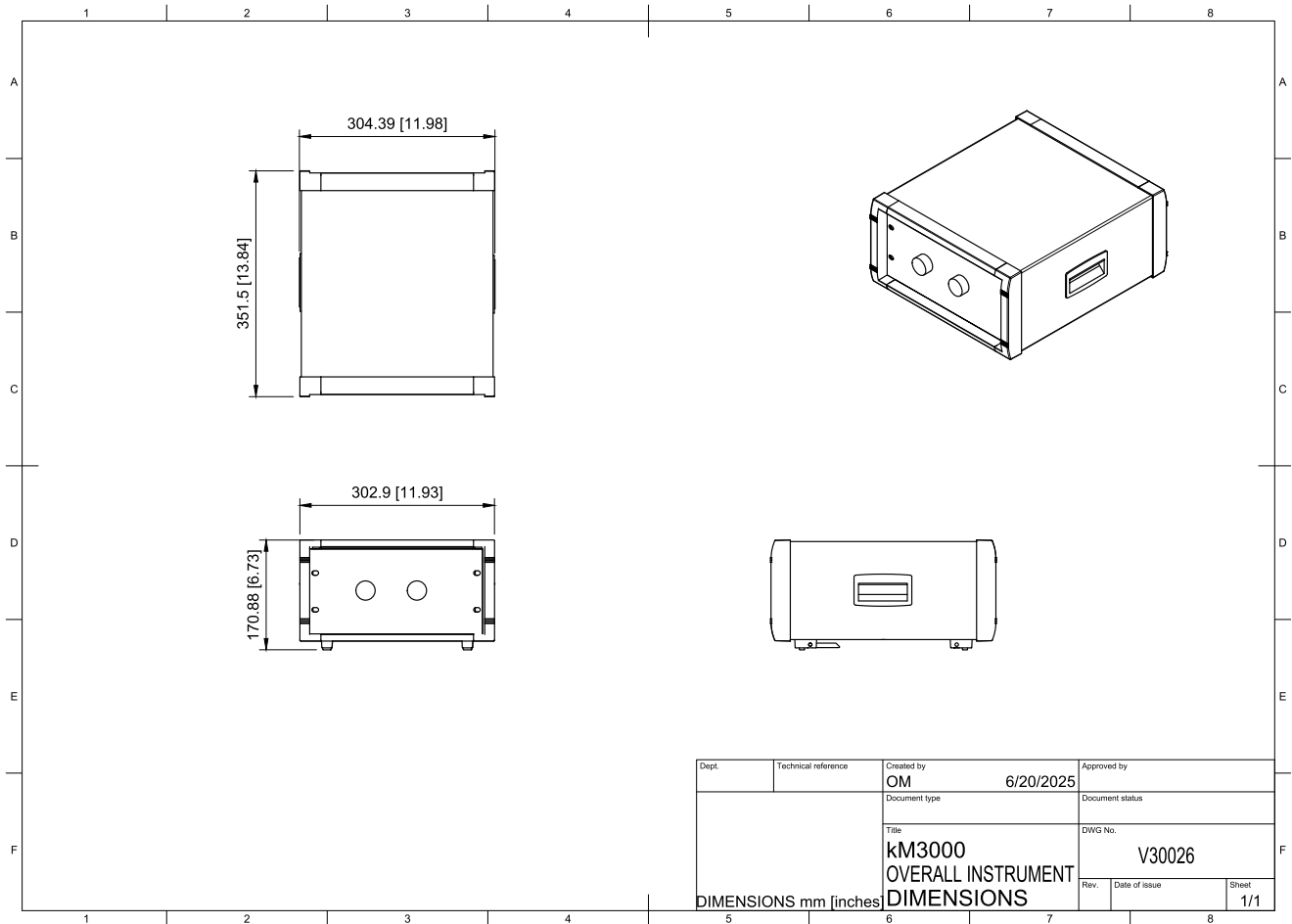
**Operating Temperature: -10° to +65°C**

## 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 3218 Dimensions**

## KTBSOLUTIONS INC.

1754 Technology DR STE 122  
San Jose, CA, 95110, USA  
TeL.: +1 650 686 1019  
E-mail: [sales@ktbsolutions.com](mailto:sales@ktbsolutions.com)  
Web: [www.ktbsolutions.com](http://www.ktbsolutions.com)