



**KODIN**

# **KV— 3000**

## **VIBRATION GAUGE**



### **Technical Parameters**

#### **Measuring range**

Acceleration : (0.1 ~ 392) m / s<sup>2</sup> (peak)

Speed : (0.01 to 80) cm / s (effective value)

Displacement : (0.001 ~ 10) mm (peak to peak)

#### **Frequency range**

Acceleration : 10Hz ~ 10kHz

Speed : 10Hz ~ 1kHz

Displacement : 10Hz ~ 500Hz

#### **Accuracy**

Reference Sensitivity :  $\pm 2\%$

Amplitude linear relative error :  $\pm 5\%$

Frequency response Relative error :  $\pm 5\%$

### **Features**

- FFT spectrum lines: 200,400,800,1600
- Anti-mixed filter: 5-order low-pass elliptic filter.
- The optional frequency range: 10-200HZ, 10-500HZ, 10-1KHZ, 10-2KHZ, 10-5KHZ, 10-10KHZ.
- AD sampling: 4-channel, 12-bit, up to 25.6K sampling frequency.
- Sampling points: 512,1024,2048,4096.
- Window function: rectangular window, Hanning window, Haining window, flat top window.
- Display: 2.4-inch TFT high-definition color screen, , the background light brightness continuously adjustable.
- Data interface: Bluetooth 2.0 wireless communication information interface.
- The measurement mode: dedicated mode and spectrum mode.
- Calendar: you can display the time information, but also to make the information to bring the date, with traceability.
- Storage: automatic storage, can store 99 points, each point can store 50 data and a spectrum list.
- Shutdown mode: manual, automatic optional.
- Instrument Information: You can view the software version of the instrument and vendor information.
- To restore the factory settings: due to misuse or other external causes of the instrument system disorder, allowing the user to return to the factory state.