

Vibration Meter

Features

- Wide frequency range of 10Hz to 5KHz
- Meets ISO2954 sensor for accurate measurement
- Frequency Lo range : 10Hz~1KHz meets ISO 2954-2012 measurement, Hi range : 10Hz~5KHz
- Stores 99 records manually (ST-140 / ST-141)
- Data logger with 9999 records capacity (ST-140D / ST-141D)
- Resolution: 0.1m/s², 0.01g, 1ft/s², 0.1mm/s, 0.01cm/s, 0.01inch/s, 0.001mm, 0.001inch
- Acceleration, velocity and displacement measurement
- Vibration sensor with magnetic adapter on 1.2M (47.2") cable
- Record /Recall MIN (ST-141), MAX readings
- USB interface (ST-140D / ST-141D)
- Auto power off with disable function
- Offset adjustment used for zero function



ST-141/ST-141D



2 CHANNEL

ST-140/ST-140D



1 CHANNEL

Specifications

| | | ST-140/ST140D(1 CHANNEL) | ST-141/ST141D(2 CHANNEL) |
|-----------------------------|---|---|--------------------------|
| Measurement frequency range | Acceleration | 10Hz~1KHz (Lo); 10Hz~5KHz (Hi) | |
| | Velocity | 10Hz~1KHz | |
| | Displacement | 10Hz~1KHz | |
| Measurement range | Acceleration | 0.5~199.9m/s ² , 0.05~20.39g, 2~656ft/s ² | |
| | Velocity | 0.5~199.9mm/s, 0.05~19.99cm/s, 0.02~7.87inch/s | |
| | Displacement | 0.005~1.999mm, 0.002~0.078inch | |
| Function | Acceleration/ Velocity | RMS, Peak, Max Hold, Hold | |
| | Displacement | Peak-Peak, Max Hold, Hold | |
| Accuracy | ± (5% reading+5 digits), ref 79.4/158Hz, 23°C, <80%RH | | |
| Dimension | 156x73x35 (LxWxH) | | 240x100x45 (LxWxH) |
| Power supply | 1.5V AAx6 | | 1.5V AAx6 |
| AC adapter | AC 100~240V to DC9V/ 0.5A | | |