

# 휴대용 4채널 주파수분석기 PA401

## Feature & Application

### Features

- ◆ General Vibration & Noise Measurement
- ◆ Ship Vibration Measurement (ISO 6954:2000)
- ◆ Human Vibration Measurement (ISO 8041, 2631-2)
- ◆ Hand-Arm Vibration Measurement (ISO 5349:2001)
- ◆ Frequency Analysis
- ◆ Octave Analysis
- ◆ RPM Measurement

### Applications

- ◆ Automotive
- ◆ Construction Field
- ◆ Shipbuilding Yard
- ◆ Power Plant
- ◆ R&D Center
- ◆ Educational Institution

## Specification

### Main

Operating System	Embedded Linux	Communication	RS232, Wi-Fi, USB, CDMA
CPU	BCM2837 (1.2 GHz)	USB Interface	1 Host, 1 Device
LCD	3.5" TFT-LCD + TSP	Battery	Li-Polymer (Removable)
Flash Memory	16 GB	Power	19 V 3 A
System Memory	1 GB	International Protection	IP 54
External Memory Slot	SD / MMC Slot	Operating Temperature	-20 °C ~ +50 °C

### Data Acquisition

DSP	ARM Cortex-M7
A / D Converter	24 bit
Input Channel	1 ~ 4 channel, Tacho / Temperature
Sensor Type	IEPE (Accelerometer, Microphone), Laser RPM Sensor, Temperature Sensor
Sampling Frequency	32,768 Hz or 51,200 Hz
Input Range	± 5 V (peak) or ± 2.5 V (peak) or
Input Signal Amplification	2, 4, 8, 16, 32, 64
Frequency Range	0.5 ~ 16,000 Hz (3dB)
Signal to Noise Ratio	More than 100 dB

Company Specialized in Sound/Vibration



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