RH712 Vibration Analyzer



○ Touch Screen

○ Route measurements downloaded from PC software

○Waveform/spectrum analysis and alarm remind

○ Manual input function

○ Infrared temperature measurement

○ Set equipment status

○ Optional communication with PC/ server: Wi-Fi or USB

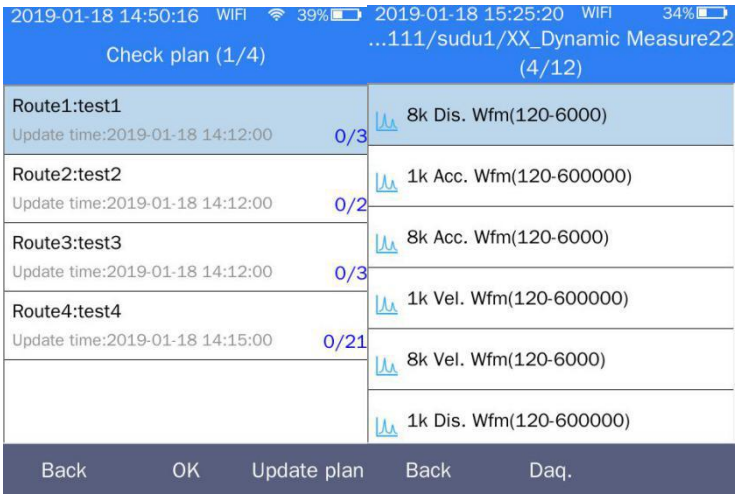
○ Camera function

○ Professional PC analysis software

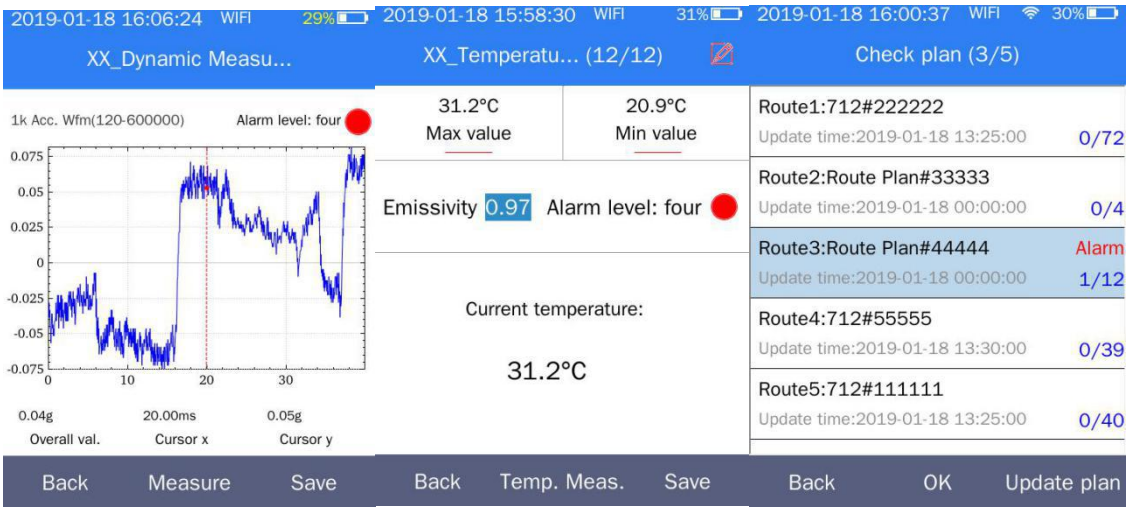
○ Explosion proof version is available and optional

○ CE marking available

- **Route measurements downloaded from PC software**

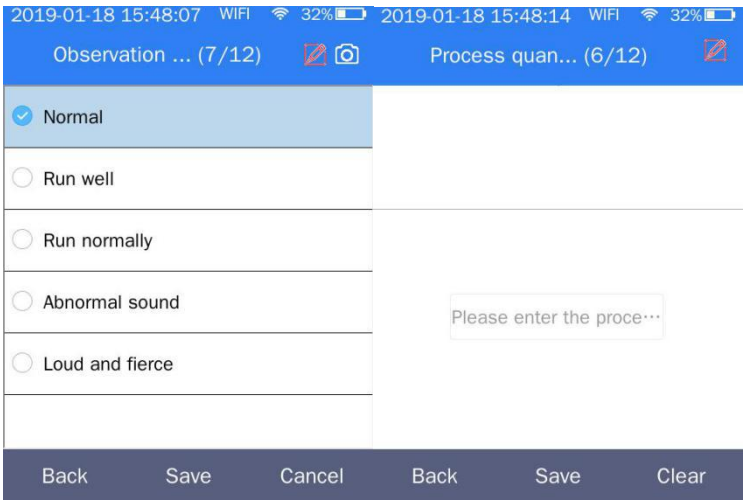


- **Waveform/spectrum analysis and alarm remind**



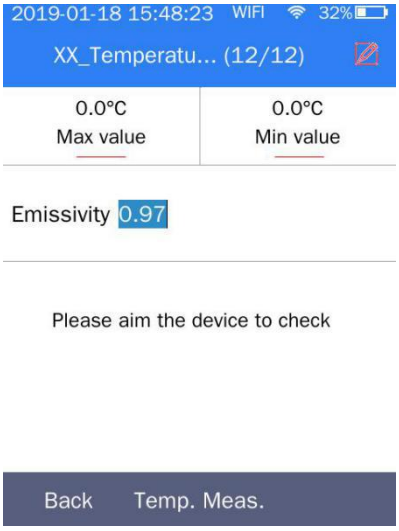
Users can use touch screen to zoom in/out the graph. Then the value exceeds the alarm threshold. There will be an icon to remind the users.

- **Manual input function**

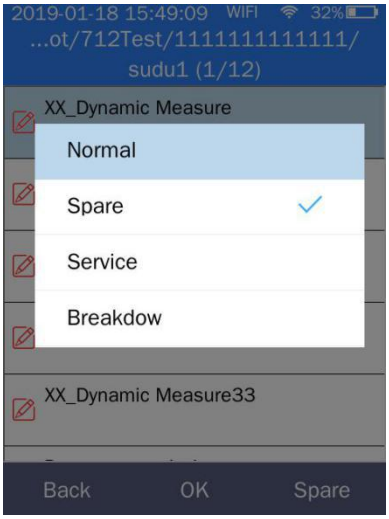


Users can manually input the observation, process lubrication information etc.

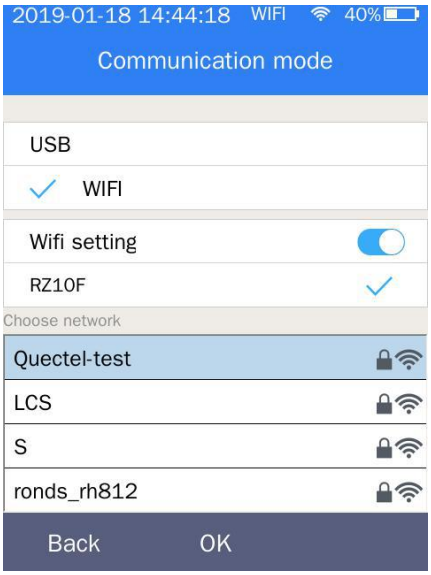
- **Infrared temperature measurement**



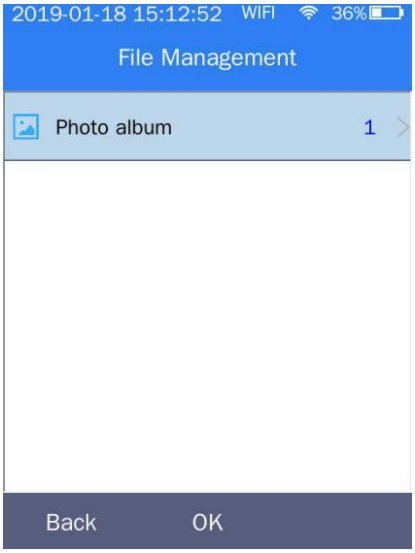
- **Set equipment status**



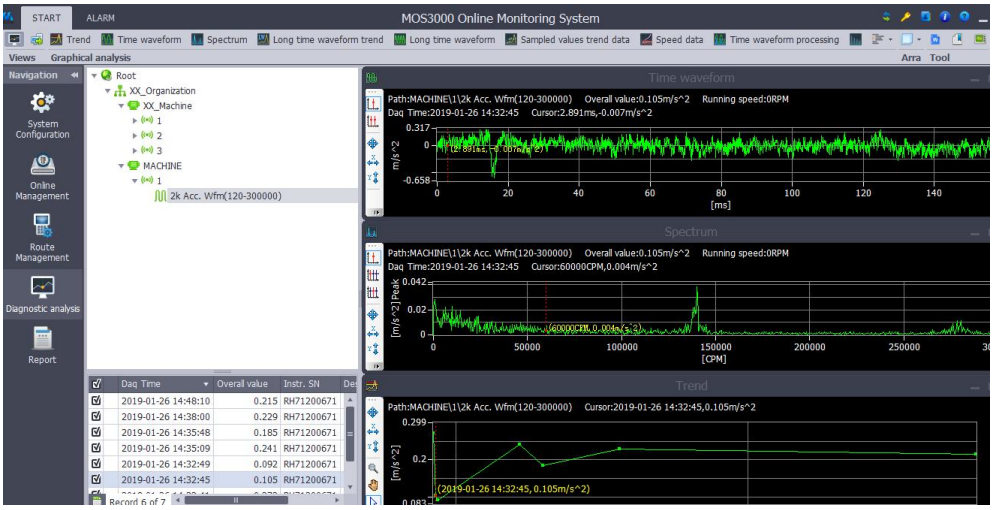
- **Optional communication with PC/server: Wi-Fi or USB**



- **Camera function**



- **Professional PC analysis software**



The software MOS3000 includes many analysis tools, trend, spectrum, waveform, multi-waveform/spectrum, waterfall, envelop etc.

Technical index:

Items	Specification
Channel	CH1：Vibration（ICP accelerometer）、 voltage（±5V AC）
Data acquisition parameters	Frequency range：2～10kHz Sampling frequency：Maximal 25.6KHz Hardware Integral：integration, double integration A/D conversion：16 bit Harmonic distortion:<-70dB Precision：±2% parameters：Sampling frequency，high pass filter，low pass filter，Sampling length Waveform length：1024、2048、4096、8192 Lines： 400、800、1600, 3200LINES Averaging：linearity、peak hold Window function type: Rectangle, Hanning
Internal infrared temperature detector	Temperature range：-30 ～ 420（℃） Precision：±2%，±2℃ Maximal Emission rate：0～1 adjustable Distance coefficient：25：1
Dimension	height×width×depth：195×80 ×37（㎜） grip size（67width×30depth）：68×31（㎜）
LCD	3.5inch，640×480 pixels，IPS TFT capacitive touch screen
Weight	Normal: 465g EX: 455g
Vibration sensor	External vibration sensor connection
Keyboard	21keys life: 2 million times, with backlight
Working environment	Temperature：-10～50℃ humidity：< 95% （without condensate）

	protection grade IP65, dust proof, water proof
Charging time	4 hours
Working time	working Time (Continuous) >10 Hours
Communication	USB2.0 WIFI
Storage capacity	Standard configuration 1G
Radio frequency identification	UHF 900M RFID recognition distance 30CM
★Camera	500 5million pixels, auto-focus camera
Flashlight	Flashlight, convenient for dark place
Lion battery	4.5hours for normal version, 2.5hours for EX version
Anti-explosion	ExibIIBT4 Gb
CE Certification	Pass CE certification
Metrology attestation	Pass nation metrology bureau vertification

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