

RH712 Vibration Analyzer

● Picture



● Features

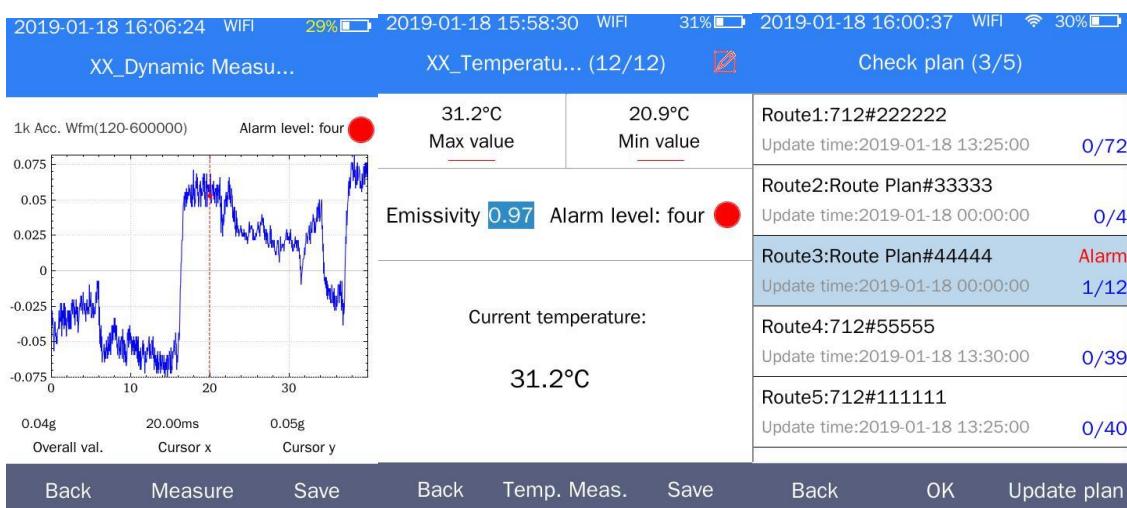
- Touch Screen
- Route measurements downloaded from PC software
- Waveform/spectrum analysis and alarm remind
- Manual input function
- Infrared temperature measurement
- Set equipment status
- Multi-communication method with server: Wi-Fi or USB
- Camera function
- Professional PC analysis software
- Explosion proof version is available and optional
- CE marking available

● Function Introduction

Route measurements downloaded from PC software

Check plan (1/4)		...111/sudu1/XX_Dynamic Measure22 (4/12)	
Route1:test1	Update time:2019-01-18 14:12:00	0/3	8k Dis. Wfm(120-6000)
Route2:test2	Update time:2019-01-18 14:12:00	0/2	1k Acc. Wfm(120-600000)
Route3:test3	Update time:2019-01-18 14:12:00	0/3	8k Acc. Wfm(120-6000)
Route4:test4	Update time:2019-01-18 14:15:00	0/21	1k Vel. Wfm(120-600000)
			8k Vel. Wfm(120-6000)
			1k Dis. Wfm(120-600000)
Back		OK	Update plan
Back		Daq.	

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.

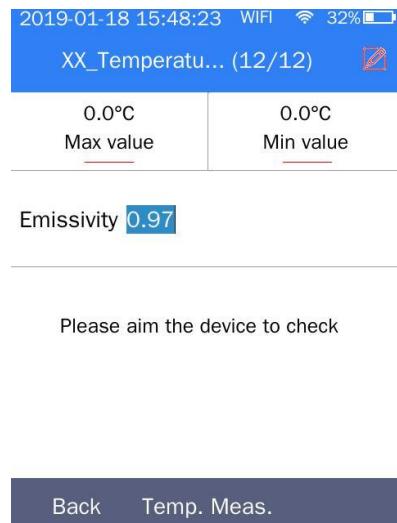
Manual input function

2019-01-18 15:48:07 WiFi 32% 2019-01-18 15:48:14 WiFi 32%

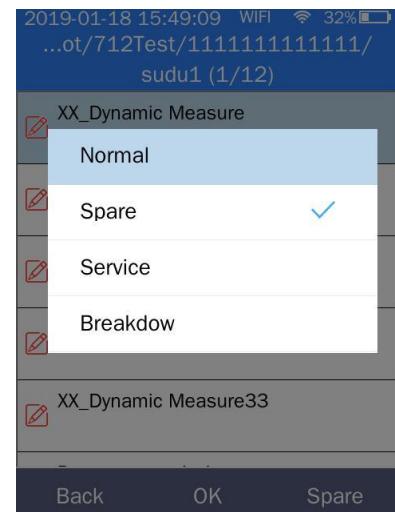
Observation ... (7/12)	Process quan... (6/12)				
<input checked="" type="checkbox"/> Normal	Please enter the proce...				
<input type="radio"/> Run well					
<input type="radio"/> Run normally					
<input type="radio"/> Abnormal sound					
<input type="radio"/> Loud and fierce					
Back	Save	Cancel	Back	Save	Clear

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

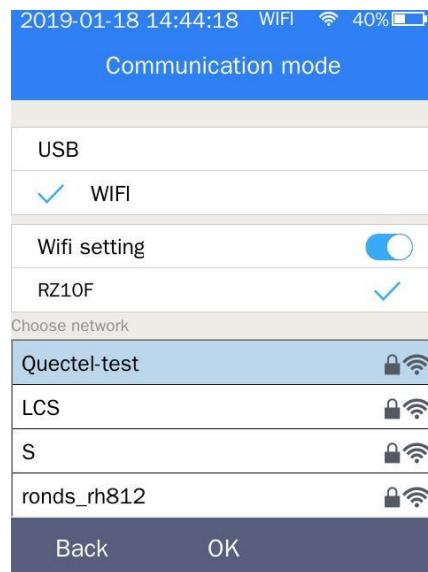
Infrared temperature measurement



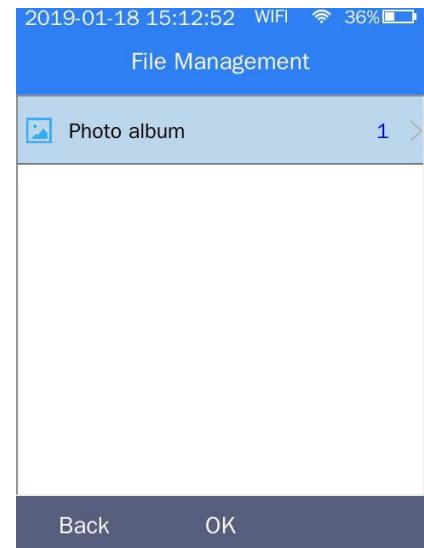
Set equipment status



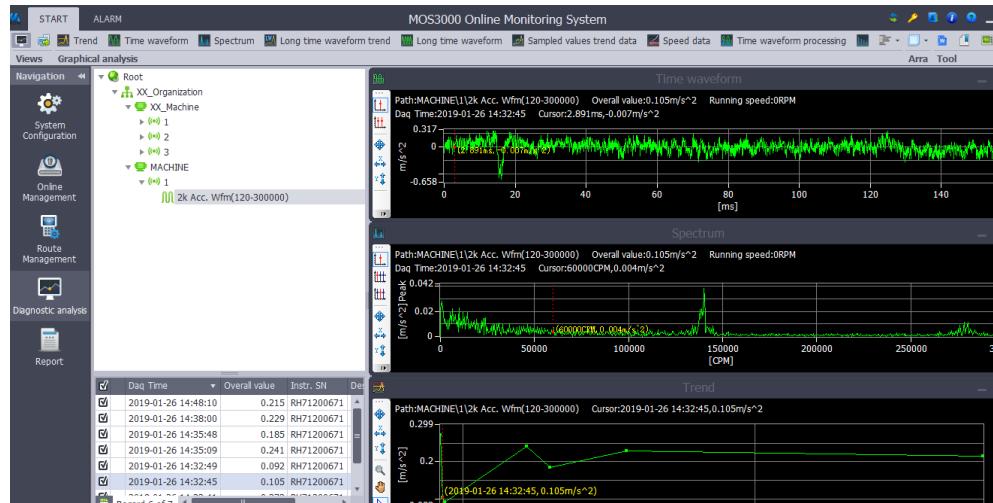
Multi-communication method with server: Wi-Fi or USB



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 ($\pm 5V$ AC)
Data acquisition parameters	<p>Frequency span: 2 ~ 10kHz</p> <p>Sampling frequency: Maximal 25.6KHz</p> <p>Hardware Integral: integration, double integration</p> <p>A/D conversion: 16 bit</p> <p>Harmonic distortion:<-70dB</p> <p>Precision: $\pm 2\%$</p> <p>parameters: Sampling frequency, high pass filter, low pass filter, Sampling length</p> <p>Waveform length: 1024、2048、4096、8192</p> <p>Lines: 400、800、1600, 3200LINES</p> <p>Averaging: linearity、peak hold</p> <p>Window function type: Rectangle, Hanning</p>
Internal infrared temperature detector	<p>Temperature range: -30 ~ 420 (°C)</p> <p>Precision: $\pm 2\%$, $\pm 2^\circ C$ Maximal</p> <p>Emission rate: 0 ~ 1 adjustable</p> <p>Distance coefficient: 25: 1</p>
Dimension	<p>height×width×depth: 195×80 ×37 (mm)</p> <p>grip size (67width×30depth) : 68×31 (mm)</p>
LCD	3.5inch, 640×480 pixels, IPS TFT capacitive touch screen
Weight	<p>Normal: 465g</p> <p>EX: 455g</p>
Vibration sensor	External vibration sensor connection
Keyboard	21keys life: 2 million times, with backlight
Working environment	<p>Temperature: -10 ~ 50°C</p> <p>humidity: < 95% (without condensate)</p> <p>protection grade IP65, dustproof, waterproof</p>
Charging time	4 hours

Working time	working Time (Continuous) >10 Hours
Communication	USB2.0 WIFI
Storage capacity	8G
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 (optional)	ExibIIBT4 Gb
CE Certification	Pass CE certification
Metrology attestation	Pass national metrology bureau verification

Anhui Ronds Science & Technology Incorporated Company

Hefei city, Anhui , China

Tel:86-551-65335195/197 EXT8830

Mobile/WhatsApp: +8617756039295

Email: ying.xu@ronds.com.cn

Skype: xuyingchina111

Website: www.ronds.com.cn