



RH517 RONDS WIRELESS SENSOR

HELP YOU TO REALIZE PREDICTIVE MAINTENANCE

PRODUCT GUIDE

www.scigate.com.my

MAIN FEATURES OF RONDS RH517

- Route measurements downloaded from PC software
- Off-route measurement
- Collect data by cellphone APP
- Professional PC analysis software
- Wireless data collection and transmission by wifi and bluetooth
- Installed by a magnetic base
- Trend, Time waveform, FFT Spectrum, Envelope demodulation analysis
- Automatic report generation
- Provide vibration and temperature data support for making maintenance plans
- Predict machinery failure to avoid unplanned downtime
- Reduce Maintenance costs

WORKING DIAGRAM



SUPERCARE DIAGNOSTIC SOFTWARE



TECHNICAL SPECIFICATIONS

Basic Parameters

Product Model	RH517
Display	OLED display, can display vibration, temperature value
Power	Rechargeable lithium battery 860mAH, 3.8V
Communication Method	BLE5.1
Communication Distance	10m
Dimension	27 mm × 86 mm (base diameter × height)
Weight	150g
Mounting Method	Magnet

Vibration Measurement Parameters

Range	±45g
Linearity	1%
Frequency Range (±3 dB)	2~10KHz
Sampling Frequency	1280Hz~ 25.6KHz
A/D conversion	24bit
Waveform Length	1K, 2K, 4K, 8K
FLASH	8M

TECHNICAL SPECIFICATIONS

Temperature Measurement Parameters

Measuring Range	-30 ~ 420 (°C)
Temperature Accuracy	±2°C or 2% (Ambient temperature 23±5°C)
Repeat Test Accuracy	±1°C or 1% (Ambient temperature 23±5°C)
Emissivity	0.01~ 1 adjustable
Distance Factor	25:1

Environmental parameters

Ambient Temperature	-20~60°C
IP grade	IP65
Explosion Proof	ExibIICT4/T3Gb