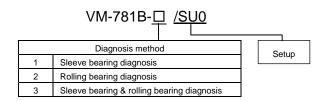
infiSYS RV-200 SYSTEM

SPECIFICATION

VM-781B infiSYS DIAGNOSTIC SOFTWARE

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Model Code / Additional Spec. Code (No entry if additional spec, code is not specified ...)



SOFTWARE SUPPLY

Specification

SYSTEM REQUIREMENTS

A computer which satisfies the performance requirements of VM-773B infiSYS Analysis View.

An available hard disk space of 100 MB or more is required.

TARGET MACHINE

Target machine for diagnosis:

Designed for large rotating machinery with sleeve bearings or rolling bearings.

(Turbine, Generator, Motor, Blower, Pump, Compressor)

INPUT SPECIFICATION

Vibration data required for diagnosis^{*1}: Rotational speed, Spectrum

User setting item required for diagnosis $^{^{\ast}2}$:

Machine information (power capacity, rated rotational speed, actual rotatinal speed, resonance frequency of the rotating shaft, motor cold fan blade number, fan blade numbert, gear tooth number, motor pole number, motor phase number, coupling pole number, bearing)

- *1 The required data are automatically collected from the VM-773B infiSYS Analysis View collection data.
- *2 Required to input with the setting screen on the VM-773B infiSYS Analysis View beforehand by user.

OUTPUT SPECIFICATION

Diagnosis possible malfunctions cause :

Sleeve bearing diagnosis
Unbalance
Permanent bow / Lost rotor parts
Carlant
Seal rub
Misalignment
Friction induced whirl
Critical speed
Rotor crack
Cavitation
Gear inaccuracy
Vane vibration
Nonsymmetrical rotor
Draft core
Steam whirl / Seal whirl
Surging
Oil whip
Oil whirl
Partial rub

Rolling bearing diagnosis
Bearing damage
Insufficient lubrication of bearing
due to deterioration of grease
Lubricating trouble
Insufficient tightness - Bearing
Unequal bearing stiffness
Unbalance
Vane unbalance
Cooling fin unbalance
Coupling inaccuracy of damage
Misalignment
Seal or rotor rub
Inaccurate tooth contact
Tooth surface wear
Electrically excited vibration
Insufficient tightness - Casing
Vane rub
vane rub

Display of the diagnosis result :

A malfunction cause is displayed in order from the high thing of the factor as a result of diagnosis.

Media	: CD-ROM
ACCESSORIES	
None	
OTHER	
<u> </u>	s product, VM-773B infiSYS Analysis View
	S Remote View is required separately.
	available only on a computer that has this software
installed.	
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X The specifications and other items indicated herein are subject to change without notice.

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