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

VM-774B /GRA /GRB /GRC /GR1/ GR2/ GR3/ GR4/ GR5/ AN1/ RB1 /RB2 /RB3 /SU0

Graph option[*1][*2]				Set up[*3]
/GRA	Sleeve bearing set (Including /GR1 to /GR5,/AN1)	/GR1	Cascade plot	
		/GR2	Full spectrum plot	
/GRB	Rolling bearing set (Including /RB1 to /RB3)	/GR3	Full waterfall plot	
		/GR4	Full cascade plot	
/GRC	All round set (Including all graphs)	/GR5	Campbell plot	
		/AN1	Runout (Slow roll vector)	
		/RB1	Peak analysis, Order analysis, Side band analysis	
		/RB2	Crest factor, Form factor, Kurtosis, Skewness, Envelope	
		/RB3	Spectrum alarm	

*1 When specifying from / GRA to / GRC, specify only one of them.
*2 When specifying the "additional specification code" additionally in the set of graphs, please do not duplicate.
*3 A PC and Microsoft SQL Server are required. Setup option includes initial setup of the PC, installation of the software and IP address setting.

Functions and graphs that can be used for each set

Category	Additional Spec. Code	List and graphs	/GRA to /GRC nothing Basic set	/GRA Sleeve bearing set	/GRB Rolling bearing set	/GRC All round set
Basic function	—	List of current values, List of alarm Setting values, Device list, Event history, Machine train, Trend plot, Long term trend plot, Bar graph, Spectrum plot, Waveform plot, Waterfall plot, X-Y plot, Orbit & waveform plot, Polar plot, Shaft centerline plot, S-V plot, Bode plot	●	●	●	●
Function for sleeve bearing	/GR1	Cascade plot	-	●	-	●
	/GR2	Full spectrum plot	-	●	-	●
	/GR3	Full waterfall plot	-	●	-	●
	/GR4	Full cascade plot	-	●	-	●
	/GR5	Campbell plot	-	●	-	●
	/AN1	Runout correction (Slow roll vector)	-	●	-	●
Function for rolling bearing	/RB1	Peak analysis, Order analysis, Side band analysis	-	-	●	●
	/RB2	Crest factor, Form factor, Kurtosis, Skewness, Envelope	-	-	●	●
	/RB3	Spectrum alarm	-	-	●	●

●: Functions included as standard

SHINKAWA Sensor Technology, Inc.

Specification

SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS (RECOMMENDED OPERATING ENVIRONMENT)

PC/AT compatible personal computer, work station, server, FA-PC*1	
Processor	Intel® Core i5 or higher or Xeon® Processor
Memory	4 GB or higher recommended
Display	1280 × 800 or higher resolution is recommended
Graphic card	Direct X 9.0C or higher compatible graphics card
Hard disk drive	100 GB or greater free space recommended
Drive	DVD-ROM drive
Network	Ethernet 100 BASE-TX or higher

SOFTWARE REQUIREMENTS

Category	Model	Edition	Version
OS	Microsoft® Windows® 10 (64bit)	Pro	Any
	Microsoft® Windows® 10 (64bit)	Enterprise	2021LTSC
	Microsoft® Windows® 10 IoT (64bit) *1	Enterprise	2016LTSB
	Microsoft® Windows® 10 IoT (64bit)	Enterprise	2021LTSC
	Microsoft® Windows® 11 (64bit)	Pro	Any
	Microsoft® Windows Server® 2016 (64bit)	Standard	Any
	Microsoft® Windows Server® 2019 (64bit)	Standard	Any
	Microsoft® Windows Server® 2022 (64bit)	Standard	Any
Others	Microsoft® .NET Framework	—	3.5

*1 Please inquire separately for models to which processors can be applied.

COMMUNICATION (Ethernet)

Network   : Ethernet 100Base-TX
Protocol   : TCP/IP

DATA DISPLAY FUNCTION

DISPLAY

Displayable graphs :
Trend plot, long term trend plot, bar graph, spectrum plot, waveform plot, orbit and waveform plot, waterfall plot, polar plot, shaft centerline plot, X-Y plot, S-V plot, Bode plot

List view :
List of current values, list of alarm setting values, event history*2, device list

Machine train (maximum 24)

*2 In order to display the hardware event history of the VM - 7B monitor on the event history screen of this software, it is necessary to specify / MEM for the VM-741B Local Communication & Phase Marker Module.

DATA DISPLAY FUNCTION

DISPLAY (OPTION)

Displayable graphs :
Cascade plot, full spectrum plot, full waterfall plot, full cascade plot, Campbell plot

Analysis :
Peak analysis, order analysis, side band analysis, crest factor, form factor, kurtosis, skewness, envelope, runout (slow roll vector)

OTHERS

Tile display   : Up to 8 single channel graphs or up to 4 paired channel graphs.
Graph display switch tab
: Up to 20 graph display pages can be created.

SOFTWARE DISTRIBUTION MEDIA

DVD-ROM

ACCESSORIES

USB protection key

⚠ WARNING: Loss of USB Protection Key
This product works in conjunction with the USB protection key included in the package; hence, the key has the value equivalent to the application software. Please note that the key is not sold by itself.
Be sure to store it in a secure place because if the USB protection key should be lost, the customer would have to purchase another set of the product.

OTHERS

In order to use this product, VM-773B infiSYS Analysis View is required separately.

Also, a separate Client Access License (CAL) is required for this PC to access to the SQL Server that VM-773B infiSYS Analysis View is using.

※ The specifications and other items indicated herein are subject to change without notice.
※ All company and product names in this brochure are trademarks or registered trademarks.

SHINKAWA Sensor Technology, Inc.