Vibrometer for Simple Diagnosis Use





An Easy to Operate, Portable Vibrometer with Diagnostic Function



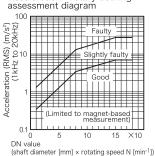


Equipped with an automatic diagnostic function compliant with vibration severity standards

Velocity - assessment diagram

e e				D
RMS value	-	D	D. Faulty	
	_ D		C. Slightly	С
Velocity 0.01	- c	С	faulty B. Passably	В
(mm/s)	B	B A	A. Good	Α
	1	2	3	4
CLASS	Small machine	Medium-sized machine	Large machine	Large machine

Acceleration - rotary bearing assessment diagram

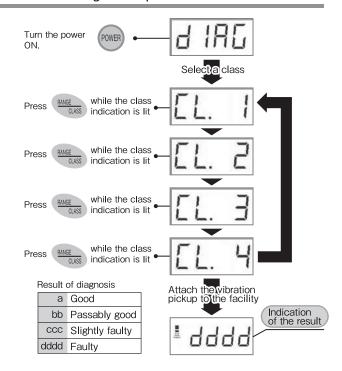


Vibrometer for simple diagnosis use model MK-21 is equipped with an automatic diagnostic function compliant with vibration severity standards (ISO-10816, JIS B 0906), allowing even those operators who have never used a vibrometer to diagnose the status of their facilities

MK-21 also enables the user to assess whether a rotary bearing is a conforming article by referring to the assessment diagram provided on the back of the main unit.

%The rotary bearing assessment diagram is an original standard of JFE Advantech Co., Ltd

Flow of diagnostic operation



Specifications

Sensor	Piezoelectric	vibration nickun	(with magnet)	
001301	Piezoelectric vibration pickup (with magnet) Acceleration (ACC)			
	Acceleration (ACC) Acceleration peak (ACC PEAK)			
Measurement mode	Velocity (VEL)			
	Displacement (DISP)			
		Low range	High range	
		0.0~20.0m/s ²	0~200m/s ²	
Measurement range	Acceleration peak	0.0~20.0m/s ²	0~200m/s ²	
3	Velocity	0.0~20.0mm/s	0~200mm/s	
	Displacement	0~200µm	0∼1990μm	
	Acceleration : 1kHz~20kHz			
Measurement	Acceleration peak: 1kHz~20kHz			
frequency range	Velocity : 10Hz∼1kHz			
	Displacement : 10Hz~1kHz			
	Acceleration : RMS value			
	Acceleration peak : PEAK value			
Arithmetic processing	Velocity : RMS value			
	Displacement : P-P value			
Display type	LCD 4.5 digits with backlighting			
Low-battery indication	Low-battery mark appears on LCD			
Service temperature range	0 to 50-C (90% RH, no condensation)			
Storage temperature range	-10 to 60-C (90% RH, no condensation)			
Power source	AA alkali dry battery (x1), continuously operable for over 8 hours			
Outer dimensions	69W×154H×30D			
Mass	Approximately 140 g (including battery)			

Standard configuration

Main unit	MK-21	×1
Piezoelectric vibration pickup	PU-626D	×1
Magnet	MK-9002	×1
Curl cord	CD-C1-3N	×1
AA dry battery	LR-6	×1
Carry case		×1
Instruction manual		×1

Option

Vibration pickup (hand-held)	PU-601R-A

Bearing diagnosis with the assessment table is not available if the hand-held vibration pickup is used.

* The catalog is subject to change without notice for improvement.



JFE Advantech Co., Ltd.

Tokyo Branch Office (Overseas Sales)

Okaya Bldg., 14-4 Nihonbashi-Kodemma-cho, Chuo-ku, Tokyo 103-0001, Japan

e-mail: tokyo@jfe-advantech.co.jp Tel. +81-3-3662-5341 Fax. +81-3-3662-5346

Head Office and Main Plant

3-48 Takahata-cho, Nishinomiya-shi, Hyogo Pref. 663-8202 Japan

e-mail: honsha@jfe-advantech.co.jp Tel. +81-798-66-1508 Fax. +81-798-65-7025

Kawatetsu Advantech Co., Ltd. has been renamed to JFE Advantech Co., Ltd. since April 1, 2004.

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