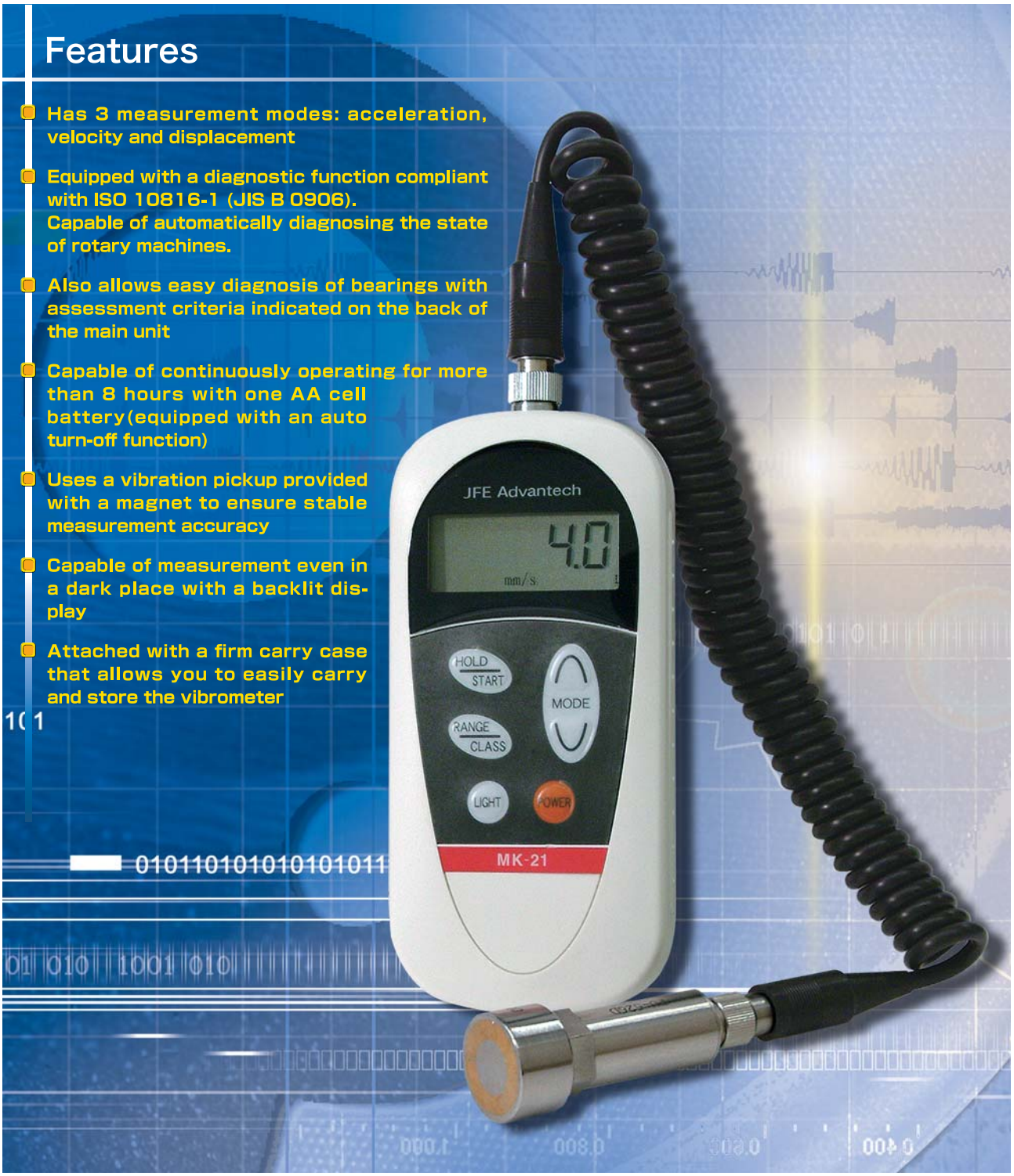
Vibrometer for Simple Diagnosis Use

MK-21

ISO9001
JQA0950

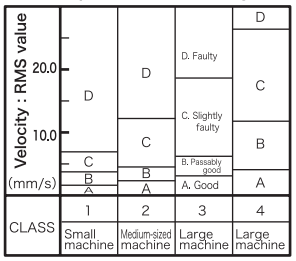
An Easy to Operate, Portable Vibrometer with Diagnostic Function



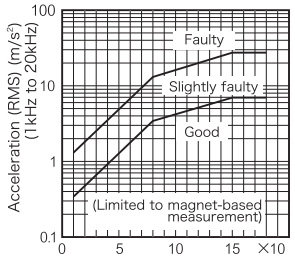
JFE Advantech Co., Ltd.
(Former name : Kawatetsu Advantech Co., Ltd.)

Equipped with an automatic diagnostic function compliant with vibration severity standards

Velocity - assessment diagram



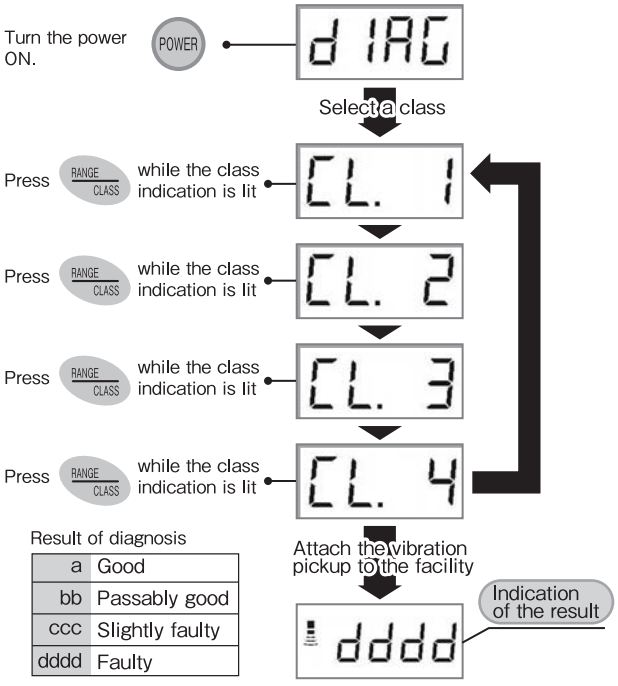
Acceleration - rotary bearing assessment diagram



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 pickup (with magnet)		
Measurement mode	Acceleration (ACC) Acceleration peak (ACC PEAK) Velocity (VEL) Displacement (DISP)		
Measurement range		Low range	High range
	Acceleration	0.0～20.0m/s^2	0～200m/s^2
	Acceleration peak	0.0～20.0m/s^2	0～200m/s^2
	Velocity	0.0～20.0mm/s	0～200mm/s
	Displacement	0～200μm	0～1990μm
Measurement frequency range	Acceleration : 1kHz～20kHz Acceleration peak : 1kHz～20kHz Velocity : 10Hz～1kHz Displacement : 10Hz～1kHz		
Arithmetic processing	Acceleration : RMS value Acceleration peak : PEAK value 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.

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

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