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Vibration Pickup Servo
Type Acceleration Pickup



Data Logger



Vibrometer
Universal Vibrometer



Ground Noise Meter

New Products



Micro Accel
V407-3-AT



AHV-1000BU

MicroAccel V407-3-AT

SERIES 825 — Servo Type Acceleration Pickup

FEATURES

This is a sensitive servo-type acceleration pickup supporting acceleration measurement of three rectangular components. This vibration pickup can sensitively measure

vibration of three rectangular components in the low frequency area and is best suited to ground and building vibration measurements.



SPECIFICATIONS

Model No.	V407-3-AT
Measuring range	±30m/s ²
Output sensitivity (DC)	Within 0.1V/(m/s ²)±6%
Output resistance	0.2kΩ
Detecting axes	Three
Phase characteristic	150Hz or more (deviation of 90° phase)
Frequency characteristic	The output sensitivity is within ± 10% when DC is less than 150 Hz.
Resolution	4 x 10 ⁻⁴ m/s ² or less (DC: less than 1Hz) 1 x 10 ⁻⁴ m/s ² or less (DC: 1 to 30Hz) 5 x 10 ⁻⁴ m/s ² or less (DC: 30 to 150Hz)
Dimensions (W x D x H)	46 x 32 x 71mm
Mass	100 g (not including cable)

V405

SERIES 825 — Servo Type Acceleration Pickup

FEATURES

- This is a sensitive acceleration pickup that has realized a resolution of 1_10-6m/s2. This is the highest-level resolution among servo-type acceleration pickups.
- This machine is best suited to vibration measurement of earthquakes, buildings and ground, as well as active vibration control to eliminate such vibration.



SPECIFICATIONS

Model No.	V405-BT	V407-3-AT
Feedback	Displacement feedback	
Measuring range	±30m/s ²	±20m/s ²
Output sensitivity	3V/9.8m/s ²	5V/9.8m/s ²
Output resistance	2.8kΩ	4.7kΩ
Phase characteristic	500Hz or more (deviation of 90° phase)	
Frequency range	DC - 450Hz	
Resolution	1 x 10 ⁻⁶ m/s ² or less	
Linearity	0.05%	
Horizontal sensitivity	0.1% or less	
Test coil	Yes	
Power	13.5 to 26.5V, 15mA (DC)	
Dimensions	ø32x33mm	
Mass	90g (not including 1 m cable)	

V300



SERIES 820, 825 — Piezoelectric Type Acceleration Pickup

FEATURES



- The piezoelectric-type acceleration pickup is a most common vibration pickup and used for most machine vibrations. Specifically, they are generally amplified to the signal level easy to process in combination with a variety of vibration gages, amplifiers and other devices.
- The measurable frequency range is wide (several Hz to several kHz) and the maximum acceleration is high (1000 m/s² or more).



SPECIFICATIONS

Model No.	V311TE	V311TB	V311SB	V311TF
Structure	Shear-type	Shear-type	Shear-type	Shear-type
Measuring range	±20000m/s ²	±5000m/s ²	±5000m/s ²	±3000m/s ²
Charge sensitivity	15PC / 9.8m/s ²	50PC / 9.8m/s ²	50PC / 9.8m/s ²	100PC / 9.8m/s ²
Natural frequency	40kHz	25kHz	25kHz	15kHz
Frequency range	3 - 10000Hz	3 - 7000Hz	3 - 7000Hz	3 - 5000Hz
Dimensions / mass	ø12 x 21mm / 12g	ø15 x 27mm / 23g	ø15 x 26mm / 26g	ø15x30mm / 35g
Features	Compact	General-purpose	General-purpose	For low acceleration
Appearance				

Model No.	V301SS	V301TA	V301TB	V301SB
Structure	Compression-type	Compression-type	Compression-type	Compression-type
Measuring range	±100000m/s ²	±100000m/s ²	±16000m/s ²	±16000m/s ²
Charge sensitivity	3PC / 9.8m/s ²	5PC / 9.8m/s ²	50PC / 9.8m/s ²	50PC / 9.8m/s ²
Natural frequency	70kHz	60kHz	35kHz	35kHz
Frequency range	3 - 15000Hz	3 - 15000Hz	3 - 7000Hz	3 - 7000Hz
Dimensions / mass	ø10 x 11mm / 2.7g	ø15 x 23mm / 13g	ø15 x 30mm / 35g	ø15 x 30mm / 35g
Features	Miniature type	For high acceleration	General-purpose	General-purpose
Appearance				

Model No.	V301TC	V301TD	V331TB	V313TB
Structure	Compression-type			Shear-type
Measuring range	±10000m/s ²	±2500m/s ²	±10000m/s ²	±10000m/s ²
Charge sensitivity	200PC / 9.8m/s ²	500PC / 9.8m/s ²	50PC / 9.8m/s ²	50PC / 9.8m/s ²
Natural frequency	25kHz	20kHz	30kHz	35kHz
Frequency range	3 - 7000Hz	3 - 5000Hz	3 - 5000Hz	3 - 7000Hz
Dimensions / mass	ø15 x 35mm / 35g	ø30 x 41mm / 185g	ø15 x 44mm / 33g	35 x 35 x 15mm / 45g
Features	For low acceleration	For low acceleration	Water resistance	Three-directional sensitivity axis
Appearance				

V200 and U1

SERIES 820, 825 — Electrokinetics-Type Speed Pickup

FEATURES

- The electrokinetics-type speed pickup is widely used for earthquake observation and machine vibration. In particular, this type of detector is regarded as important equipment in the equipment diagnosis and other fields because speed measurement is needed to assess vibration severity required by the ISO and other standards. Specifically, they are generally amplified to the signal level easy to process in





combination with a variety of vibration gages, amplifiers and other devices.

- The measurable frequency range is relatively wide (several Hz to 1 kHz). This is one of the few vibration pickups that can directly measure the speed of vibrations.



SPECIFICATIONS

Model No.	V238J	V231	V233	V233
Measurement direction	Horizontal and vertical	Horizontal and vertical	Horizontal	Horizontal
Maximum measurement displacement	1000 μ m _{p-p}	2000 μ m _{p-p}	100 μ m _{p-p}	100 μ m _{p-p}
Sensitivity	100mV/cm/s	100mV/cm/s	100mV/cm/s	100mV/cm/s
Natural frequency	12Hz	12Hz	4.5Hz	4.5Hz
Frequency range	20 - 150Hz	15 - 1000Hz	5 - 200Hz	5 - 200Hz
Dimensions / mass	ø35 x 80mm / 0.15kg	ø50 x 110mm / 0.6kg	ø50 x 110mm / 0.6kg	ø50 x 110mm / 0.6kg
Features	General-purpose	General-purpose	For low frequency	For low frequency
Appearance				

Model No.	U1-FH	U1-FH-S	U1-FMA	V240M	V242T
Measurement direction	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical
Maximum measurement displacement	1000 μ m _{p-p}	1000 μ m _{p-p}	1000 μ m _{p-p}	1000 μ m _{p-p}	1000 μ m _{p-p}
Sensitivity	100mV/cm/s	100mV/cm/s	100mV/cm/s	138mV/cm/s	100mV/cm/s
Natural frequency	12Hz	4.5Hz	7.4Hz	12Hz	4.5Hz
Frequency range	15 - 250Hz	5 - 250Hz	15 - 100Hz	20 - 150Hz	7 - 700Hz
Dimensions / mass	6 x 106 x 155mm / 1.2kg	6 x 106 x 155mm / 1.2kg	60 x 92 x 118mm / 1.5kg	69 x 144 x 100mm / 1.4kg	65 x 125 x 65mm / 0.52kg
Features	General-purpose	For low frequency	Environmental resistance	For high temperature (-10 to +150°C)	Equipped with TATE coil
Appearance					

Model No.	V235B	V241	V241M	V241T
Measurement direction	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical
Maximum measurement displacement	1000 μ m _{p-p}	2000 μ m _{p-p}	1000 μ m _{p-p}	1500 μ m _{p-p}
Sensitivity	100mV/cm/s	1000mV/cm/s	5000mV/cm/s _p	400mV/cm/s
Natural frequency	14Hz	4.5Hz	1Hz	4.5Hz
Frequency range	20 - 250Hz	5 - 500Hz	1.5 - 100Hz	5 - 300Hz
Dimensions / mass	115 x 134 x 170mm / 3.2kg	48 x 48 x 55mm / 0.3kg	48 x 48 x 55mm / 0.3kg	48 x 48 x 55mm / 0.15kg
Features	Compression resistance and explosion protection	For seismic measurement	For seismic measurement	For seismic measurement
Appearance				


V460

SERIES 820, 825 — Non-Contact Displacement Pickup

FEATURES

- The non-contact displacement pickup is recently becoming common. This detector directly measures the vibration of a rotating machine's rotation shaft without touching it. Specifically, vibration is generally amplified to a signal level which is easy to process in combination with a variety of vibration monitoring devices, amplifiers and other devices.
- The measurable frequency range is wide (DC: up to 7 kHz) and the detector can measure displacement. You can also measure the number of revolutions and other data using this combination, in combination with an appropriate amplifier.

SPECIFICATIONS

Model No.	V462B	V462MX
Measuring range	0 - 3mm	0 - 3mm
Frequency range	DC - 10kHz	DC - 1kHz
Cable length	300cm	3000cm
Applicable preliminary amplifier	V460BT	V460MX
Dimensions	ø9 x 40mm	ø34 x 200mm
Features	General-purpose	Environmental resistance
Appearance		

GLP-02

SERIES 820 — Data Logger

FEATURES

This data logger can be used with the servo-type acceleration pickup V407-3-AT to configure a mobile observation system for measuring vibration of bridges and buildings, as well as earthquake vibrations at a low cost. Equipped with a trigger function, this data logger can be also used as a vibration monitoring system in combination

with the portable vibration gage AVT series. You can monitor measured waveforms in realtime in your PC through the USB interface using the accompanying software. You can also record these in a memory card installed in the data logger and reproduce them in your PC.

SPECIFICATIONS

Model No.	GPL-02	
Analog input	No. of channels	8
	Input voltage	Select $\pm 10V$, $\pm 5V$, $\pm 2V$, $\pm 1V$, 0 to 1V, 0 to 2V, 0 to 5V, or 0 to 10V (all channels set at once)
	Input impedance	1M Ω or more
	AD resolution	12bit
	Conversion accuracy	$\pm 0.5\%$ F.S
	Sampling speed	1ch: 100kHz, 2ch: 50kHz, 4ch: 20kHz, 8ch: 10kHz
Digital input	No. of input points	8
	Input mode	No-voltage contact, open collector, TTL level (photo coupler insulated)
	Input delay time	Up to 50 μ s
	No. of I/O points	Trigger input: 1, trigger output: 1, digital output: 4
Function I/O	Trigger input mode	No-voltage contact, open collector, TTL level (photo coupler insulated)
	Trigger input delay time	Up to 500ns
	Trigger output mode	Open collector (photo coupler insulated)
	Trigger output delay time	Up to 500ns
Record mode	Chronological data record	Record chronological waveforms until the data amount reaches the specified value.
Data recording	Sampling cycle	Select from 10/20/50/100/200/500 μ s, 1/2/5/10/20/50/100/200/500ms, and 1 to 60s
	Data capacity	64MB (standard)
	Features	Environmental resistance
	Trigger type	External trigger input, analog input level, digital input
Interface	USB ver. 1.1 Full Speed Mode (supporting 12Mbps)	
Power consumption	8W	
Dimensions (W x D x H)	200 x 100 x 36.5 mm (not including projection)	
Mass	700g	



AHV-1000AZ

SERIES 820 — Handy Vibrometer

FEATURES

This is a handy vibration gage, which is simple to operate. This device is easy to grip, allowing you to measure vibration in one hand because the piezoelectric-type acceleration pickup is integrated with the main body.



with optional 60mm stylus (standard: 15mm stylus)

This gage is best suited to such vibration measurements where vibration displacement is large and the acceleration level is important. Examples include a rolling bearing.

SPECIFICATIONS

Model No.		AHV-1000AZ	
Vibration pickup		Piezoelectric-type acceleration pickup	
Measuring range	AUTO mode (automatic sensitivity switching)	Acceleration: 0.01 - 199.9m/s ² _{o-p}	
		Speed: 0.001 - 19.99m/s _{o-p}	
		Displacement: 0.001 - 19.99mm _{o-p}	
	FIX mode (sensitivity fixed)	Acceleration: 0.1 - 199.9m/s ² _{o-p}	
		Speed: 0.01 - 19.99m/s _{o-p}	
Displacement: 0.01 - 19.99mm _{o-p}			
Frequency range		5 to 1,000Hz when high path filter (10Hz) is off 10 to 1,000Hz when high path filter (10 Hz) is on 1,000 to 10,000Hz at bearing check	
Accuracy		±5% (not including check)	
Output (AC output)		1.999Vo-p/F.S (load resistance: 10kΩor more)	
Power		Used battery: 9V alkaline battery (006P) x 1 Display value hold: 50sec after measurement	Battery life: Approx. 10hours Automatic power off
Dimensions (W x D x H)		80 x 31 x 185mm	
Mass		330g	

AHV-1000BU

SERIES 820 — Handy Vibrometer

FEATURES

Adoption of an electrokinetics-type speed pickup enables you to measure minute abnormal vibrations even though the measurements are made through a hand-held device.

Since you can also measure abnormal vibrations of which displacement levels are small like those of a sliding bearing, this machine is best suited to vibration measurement of turbines, motors, and other equipment.

SPECIFICATIONS

Model No.		AHV-1000BU	
Vibration pickup		Piezoelectric-type acceleration pickup	
Measuring range	AUTO mode (automatic sensitivity switching)	Acceleration: 0.001 - 19.99m/s ² _{o-p}	
		Speed: 0.001 - 19.99cm/s _{o-p}	
	FIX mode (sensitivity fixed)	Displacement: 0.1 - 1000μm _{p-p}	
		Acceleration: 0.01 - 19.99m/s ² _{o-p}	
		Speed: 0.01 - 19.99cm/s _{o-p}	
		Displacement: 1 - 1000μm _{p-p}	
Frequency range		8 - 1000Hz	
Output (AC output)		1.999Vo-p/F.S (load resistance: 10kΩ or more)	
Power		Used battery: 9V alkaline battery (006P) x 1 Display value hold: 50sec after measurement	Battery life: Approx. 24hours Automatic power off
Dimensions (W x D x H)		91 x 31 x 192mm	
Mass		360g	



AHV-11A

SERIES 820 — Handy Vibrometer

FEATURES

- The handy vibrometer AHV-11A has achieved a min. reading of $0.1\mu\text{m}$ (min. speed range reading: 0.001cm/s , min. acceleration range reading: 0.01 m/s^2) by adopting an electrokinetics-type speed detector for vibration detection. You can handle the measuring gage in one hand throughout measurement. All you have to do is to grip it, press it against a measurement point and perform simple switch operations. Furthermore, this gage incorporates an operation noise cut function (patent pending), which eliminates noise caused by hand jiggling at the moment of the HOLD switch operation and validates data immediately before the switch is pressed. In addition, you can measure the temperature at measurement points, in addition to vibration measurement by using together with a temperature detector, which is a sold separately special accessory. This

gage is really helpful when you perform measurement at several places as this can store 100 measurement results (vibration and temperature) together with the date and time.

- The saved data can be sent to computers (Windows OS) and processed in each Windows application to easily and quickly create reports and inspection certificates.



SPECIFICATIONS

Model No.	AHV-11A	
Vibration pickup	Electrokinetics-type speed pickup	
Measuring range	Acceleration	$0.01 - 99.99\text{m/s}^2_{\text{O-P}}$
	Speed	$0.001 - 9.999\text{m/s}_{\text{O-P}}$
	Displacement	$0.001 - 999.9\text{mm}_{\text{O-P}}$
Frequency	Range	8 - 1000Hz (1 - 3Hz: three-dimensional attenuation)
	Characteristics	8 - 20Hz: +10%, -20% 20 - 500Hz: +10% 500 - 1000Hz: +10%, -20% The reference point is 80 Hz.
Temperature measurement range		0 to 150°C , when using an optional temperature detector.
Display	Display interval	Sampling at 500ms interval
	Bar graph	1 to 100% linear full-scale display
	Measuring value	Displacement, speed acceleration, and temperature Overload display (-E-)
	Indication characteristic	RMS1, RMS2, and PEAK positions.
	Measurement mode	$\mu\text{m}_{\text{P-P}}$, $\text{cm/s}_{\text{O-P}}$, $\text{m/s}^2_{\text{O-P}}$, and $^\circ\text{C}$
	Memory address	0 to 99 (100 data items)
	Remaining battery level	Two-level bar graph display
	Date	Alternation of date or time at 10-second intervals
Memory contents		Date, time, vibration level, indication characteristic, measurement mode, temperature (when using the temperature detector)
Output	AC output	1 Vo-p/F.S (impedance: about 100Ω or more)
	DC output	1 V/F.S (impedance: about 100Ω or more)
Input	Temperature detector	Detection accuracy: 3% FS (when using Order No. 820-025)
Interface	Output	Memory data
	Input	Date function setting
Power		Used battery: 9V alkaline battery (006P) x 1 Battery life: Approx. 14hours Optional AC adapter supported
Dimensions (W x D x H)		82 x 40 x 234mm
Mass	About 420 g (inclusive of the battery)	

AVT-CZ

SERIES 820 — Universal Vibrometer

FEATURES

Piezoelectric-type acceleration pickups can be replaced with different measuring range types for a variety of applications, from bearing vibration to general industrial equipment. Highly accurate measurements

can be performed by selecting a detector appropriate for your application, from low frequency and minor displacement through high frequency and large acceleration.



SPECIFICATIONS

Model No.			ACT-CZ
Vibration pickup			Piezoelectric-type acceleration pickup
Measuring range	Acceleration	Frequency range	5 - 5000Hz
		Range (F.S)	1, 3, 10, 30, 100m/s ² _{o-p} (minimum reading: 0.02m/s ² _{o-p})
	Speed	Frequency range	10 - 1000Hz
		Range (F.S)	0.1, 0.3, 1, 3, 10cm/s _{o-p} (minimum reading: 0.002cm/s ² _{o-p})
	Displacement	Frequency range	10 - 1000Hz
		Range (F.S)	0.1, 0.3, 1, 3, 10mm _{p-p} (minimum reading: 0.002mm/s ² _{o-p})
	Bearing vibration	Frequency range	1000 - 5000Hz
		Range	Equivalent to A (1), B (3), C (10), D (30), E (100 m/s ²)
Output			AC output: 1V _{o-p} /F.S, DC output: 1V/F.S
Power			9V alkaline battery (006P) x 2
Dimensions (W x D x H)			100 x 52 x 188mm
Mass			480g (including the battery, but not the pickup)

AVT-B2

SERIES 820 — Universal Vibrometer

FEATURES

This is an easy-to-operate battery-powered compact vibration gage. This general-purpose gage has a wide measuring range that covers most vibrations from general industrial machines. It can provide extremely accurate measurements by switching

among the five-level sensitivity ranges for the displacement, speed, and acceleration. Adoption of the electrokinetics-type speed detector makes it best for displacement vibration and speed vibration measurement.



SPECIFICATIONS

Model No.			AVT-B2
Vibration pickup			Piezoelectric-type acceleration pickup
Measuring range	Acceleration	Frequency range	Depending on the detector
		Range (F.S)	1, 3, 10, 30, 100m/s ² _{o-p} (minimum reading: 0.002m/s ² _{o-p})
	Speed	Frequency range	Depending on the detector
		Range (F.S)	0.1, 0.3, 1, 3, 10cm/s _{o-p} (minimum reading: 0.002cm/s ² _{o-p})
	Displacement	Frequency range	Depending on the detector
		Range (F.S)	10, 30, 100, 300, 1000μm _{p-p} (minimum reading: 0.2μm/ S _{p-p})
	Bearing vibration	Frequency range	Depending on the detector
		Range	Equivalent to A (1), B (3), C (10), D (30), E (100 m/s ²)
Output			AC output: 1V _{o-p} /F.S, DC output: 1V/F.S
Power			9V alkaline battery (006P) x 2
Dimensions (W x D x H)			100 x 52 x 188mm
Mass			460g (including the battery, but not the pickup)

AVT-3000DZ

SERIES 820 — Universal Vibrometer

FEATURES

This is a handy three-dimensional vibration gage with superior functionality. When vibration of motors, pumps, or bearings is measured, three directions (vertical, horizontal, and bearing) are

measured. The AVT-3000DZ can individually detect vibration components in three directions (X, Y, and Z) using a single pickup. This gage can also measure a realtime combined value of three elements.

SPECIFICATIONS

Model No.			ACT-CZ
Vibration pickup			3-axis piezoelectric-type acceleration pickup-type acceleration pickup
Measuring mode			Single axis (X, Y, Z): Acceleration, speed, and displacement Combined 3 axes: Acceleration Bearing check: Acceleration
Measuring range	Acceleration	Frequency range	3 - 5000Hz
		Range (switching)	0.01 - 199.9m/s ² _{o-p}
	Speed	Frequency range	10 - 5000Hz
		Range (switching)	0.001 - 19.99cm/s _{o-p}
	Displacement	Frequency range	10 - 1000Hz
		Range (switching)	0.001 - 19.99mm _{p-p}
	Bearing vibration	Frequency range	1000 - 10000Hz
		Range (switching)	0.01 - 19.99mm/s ² _{p-p}
Output			AC output: 1V _{o-p} /F.S, DC output: 1V/F.S
Power			9V alkaline battery (006P) x 2
Dimensions (W x D x H)			100 x 43 x 188mm
Mass			600g (including the battery, but not the pickup)



AVT-103 / AVT-104

SERIES 820 — Ground Noise Meters

FEATURES

Employing a sensitive servo-type acceleration pickup for earthquake measurement, these meters are best suited to measurement of vibration of floors, bridges, marine internal combustion engines, and other equipment that a general vibration gage would have

a difficulty to measure. In particular, these meters are extremely useful when evaluating vibration impact on the installation environment for precision measurement and processing equipment

SPECIFICATIONS

Model No.			AVT-103	AVT-104
Vibration pickup			Servo-type acceleration pickup	
			Vertical/horizontal	
Measuring range	Displacement	Frequency range	0.5 - 20HzHz	
		Range (F.S)	10, 30, 100, 300, 1000μm _{o-p} (minimum reading: 0.2μm _{p-p})	
	Acceleration	Frequency range	0.5 - 50Hz	0.5 - 200Hz
		Range (F.S)	1, 3, 10, 30, 100Gal (minimum reading: 0.02Gal)	
	Acceleration (L)	Frequency range	—	0.5 - 50Hz
		Range (F.S)	—	1, 3, 10, 30, 100Gal (minimum reading: 0.02Gal)
Output			AC output: 3V _{o-p} /F.S DC output: 3V/F.S	
Power			9V alkaline battery (006P) x 2	
Dimensions (W x D x H)			Main unit: 100 x 52 x 188mm, Pick up: 45 x 45 x 90mm	
Mass			Main unit: 490g (including the battery), Pick up: 725g	



AVT-SB

SERIES 820 — Vibration Analyzer

FEATURES

- This is a vibration analyzer for the universal vibrometer AVT series.
- This analyzer can be used as a low path filter, high path filter, and band path filter by connecting to the AVT series vibration gage. In addition as an application of a band path filter, the frequency

characteristics of measurement vibration can be obtained by using with an X-Y recorder.

SPECIFICATIONS

Model No.	AVT-SB
Applied model	AVT-CZ, AVT-B2, AVT-103, AVT-104, AVT-3000DZ (not available for the 3D measuring mode)
Filter function	Low path filter (LPF): Second Butterworth High path filter (HPF): Second Butterworth Band path filter (BPF): Q = approx. 10
Frequency range selection	10 to 5,000Hz (Accuracy is not guaranteed if the frequency is more than 5,000Hz.)
Accuracy	I/O accuracy: $\pm 5\%$ F.S. Frequency dial value accuracy: $\pm 5\%$ dial value ± 0.5 graduation
Output	0.1 V output (frequency dial value: 10Hz), 1 V output (frequency dial value: 100Hz)
Power	Powered from the main body (AVT-3000DZ, AVT-CZ, AVT-B2, AVT-103, AVT-104) (± 9 V)
Dimensions (D x W x H)	100 x 52 x 105mm
Mass	310g



AVT-PS

SERIES 820 — Vibration Analyzer

FEATURES

This is an AC adapter/Ni-Cd battery charger for the universal vibrometer AVT series*.

*except for AVT-B2, AVT-CZ, AVT-103, and AVT-104

SPECIFICATIONS

Model No.	AVT-PS	
AC adapter function	Applied model	AVT-3000DZ, AVT-CZ, AVT-B2, AVT-103, AVT-104
Battery charger function	Applied model	AVT-3000DZ
	Ni-Cd battery	8.4V 100mAh
	Charging time	Approx. 8hrs.
	Ni-Cd battery life	Approx. 5hrs.
Power	AC 100V 50/60Hz	
Dimensions (W x D x H)	100 x 52 x 105mm	
Mass	350g	



AVR Series

Vibration Monitoring Machine

FEATURES

- This machine always monitors vibration and can be used for a wide range of purposes. For example, you can trigger an alarm or stop machine operation in an emergency if an abnormality occurs.
- This is best suited to continuous monitoring of vibration of large turbines in thermal, hydro, nuclear, and other power plants.

