

Balance Monitor®

Single speed balancer
for General rotors & High precision grinders

SB-8806R
SB-8806RB

MAX
400,000 min⁻¹

※SB-8806RS/RSB

Single speed balancer has evolved further

The troublesome work of adjusting
the mass of the correction weight is reduced

Uses up to 8 levels of correcting mass registered in advance to output
the optimum component correction results.

OK/NG judgment function according to JIS B 0905

The measured value and the permissible value are compared and
the OK/NG judgment is displayed.

Either the charge type or CCLD type
can be selected for the vibration sensor

In an environment where the cable is long and easy to sway,
the CCLD type vibration sensor with less cable noise is suitable.

Utilize measurement data for maintenance

Save measurement data in CSV format.
You can use it for report creation or maintenance.

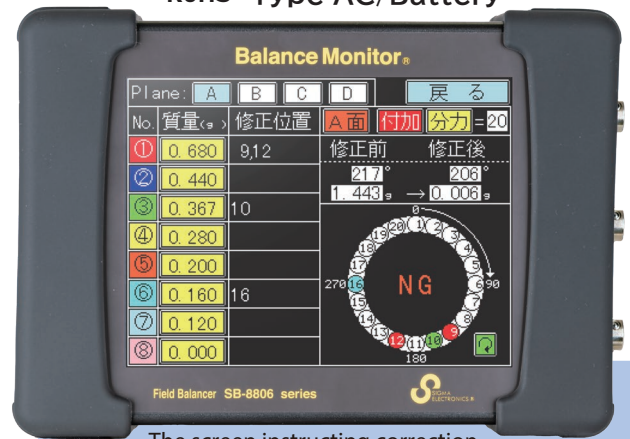
OverAll vibration meter & FFT Analyzer (Optional)

Effective function for machines maintenance is standard equipment.

Grinder's balance correction function (Optional)

It is also possible to balancing with a balance piece.
The maximum number of correction planes is 2.

CE SB-8806RB
RoHS Type AC/Battery



The screen instructing correction
using the specified weight

USB mini-B connector
microSD card slot



SB-8806RB Left side



Coming soon

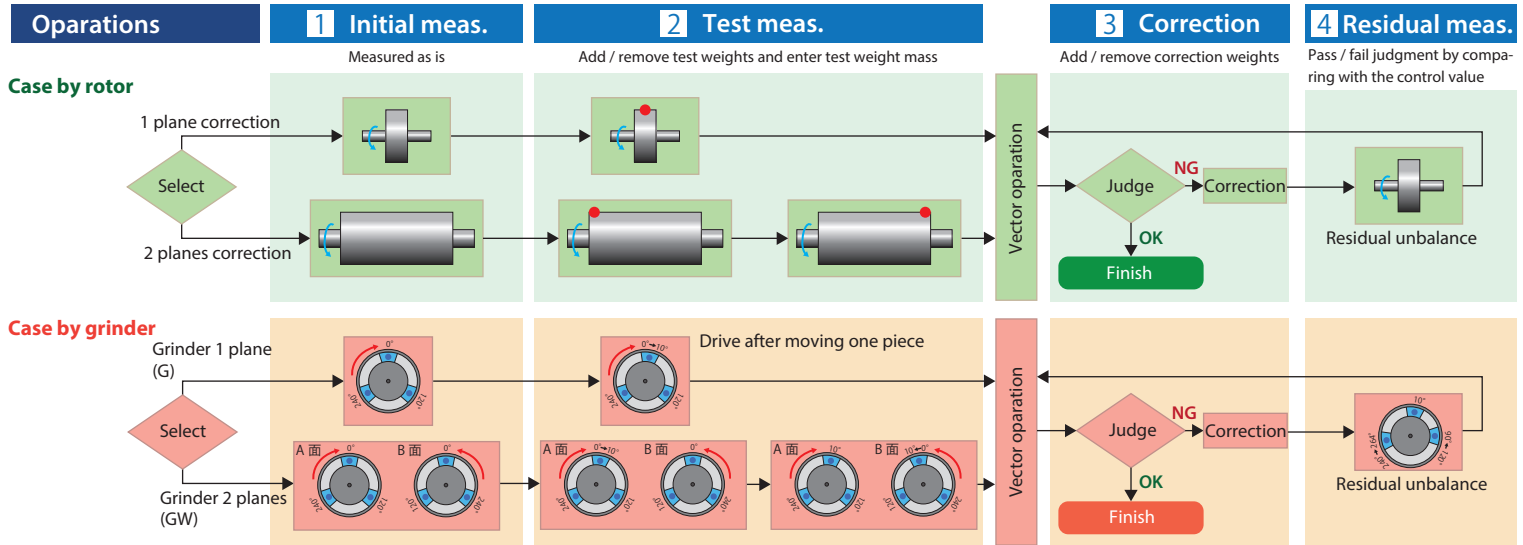
CE
RoHS
SB-8806R
Type AC
Integrated trunk case

*Only 1 sensor is included as standard



Trunk case(SB-8806RB)
Stores the instrument and all accessories

From machine tools to turbo molecular pumps and blowers...
You can choose the most suitable model according to your application.



Model	【8806RBSeries】 【8806Rseries】	SB-8806RB SB-8806R	SB-8806RHB SB-8806RH	SB-8806RSB SB-8806RS	SB-8806RLB SB-8806RL
Measurement range		180 to 61,000min ⁻¹	180 to 120,000min ⁻¹	180 to 400,000min ⁻¹	60 to 61,000min ⁻¹
Measurement speed resolution				1min ⁻¹	
Vibration resolution				0.001 μm	
Unbalance vibration amplitude	【8806RBSeries】 【8806Rseries】		0.001 to 999 μm(at 4,200min ⁻¹) 0.001 to 999 μm(at 6,000min ⁻¹)		
Vibration input channel				2ch	
Measurement method				Single speed measurement	
Number of measurement planes	Single speed measurement			1 to 2 planes	
Correction method	Polar coordinate correction Angle split correction Angle split number selection function Weight designation function Correction weight		0 to 359° (Angle resolution : 1°) 3 to 50(Selectable Equally split or Unequal split)	Calculate by invalidating the parts that cannot be used in the angle split correction Calculate the best correction result using the registered weights Additional/Subtraction	
Vibration analysis function	Unbalance vibration analysis Harmonic vibration analysis		Recording of unbalanced vibration vector over time Measure the rotation frequency and its integral multiple		
Other	USB connection microSD card slot		mini-B type connector(Data transfer to PC / Hard Copy of the screen) Standard equipped(Save the measurement data as CSV format)	Not equipped	
	Eccentricity correction function Measurement range switching Number of registered data saved		Standard equipped Automatic		
	LCD monitor Power-supply voltage		5.7 inch TFT color LCD (LED) Touch panel interactive method Li-ion battery (Drive time : 8 hours) / AC100 to 240V ±10% 50/60Hz AC100 to 240V ±10% 50/60Hz		
	Environmental		Temperature : 10 to 40°C, Humidity : 20 to 80%RH(No condensation)		
	Instrument dimensions Instrument weight Trunk case		187.5(W)×53.5(L)×130(H) mm 0.8kg 385(W)×120(L)×255(H) mm		
	Total weight (Include accessories)	【8806RBSeries】 【8806Rseries】	4.5kg 4.2kg		
Accessories	Vibration sensor (Choose one) Charge type CCLD type		P125C Sensitivity : 10pC/(m/s ²) SA-02 Sensitivity : 10mV/(m/s ²) Protection : IP57 With insulation		P125C + V10L ^{*1} SA-02 + V10L ^{*1}
	Vibration sensor cable (Choose one) Charge type CCLD type		LN-041-2.5MT(2.5meters straight) Sensor integrated(2.5meters straight)		LN-041-2.5MT+For low-speed(2.5m) For low-speed(2.5m)
	Mounting magnet Speed sensor (Attached 2 meters cable) Speed sensor manual Speed sensor mounting magnet		KM-025C(Holding force : 100N) SFS-M1H Standard equipped(with sensitivity adjustment driver) NF2021(Holding force : 320N)		
	AC adapter (Choose one) Full circle protractor Balancer manual	For Japan For overseas	UN312-5920(DC5.9V 2A) Plug type : A UI318-06(DC6V 2.8A) Plug type : A (AC code conversion method) ² 822-0001(φ150mm) CD-ROM		
Optional	Grinder correction mode(G,GW) FFT analyzer(-F)	【8806RBSeries】 【8806Rseries】	Balance correction function for balance pieces(G : 1面 / GW : 2面) Frequency analysis / Time wave form OverAll vibration meter / Frequency analysis / Time wave form		
	OverAll vibration meter(A) Multi planes correction ¹ s optional	【8806RBSeries】	Measurement parameters : Acc. Peak/Acc. RMS/Acc. C.F./Vel. RMS/Disp. EQP-P Vibration sensor + Vibratoin sensor cable		

*1 SB-8806RLB / 8806RL comes with a displacement type low speed sensor (model: V10L) and a cable. V10L is a sensor dedicated to low speed balancing. Cannot use vibration measurement other than balance correction.

*2 Please prepare the AC power cord by yourself.



A member of Japan Testing Machine industrial Society
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