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## HG-601A/HG603A Dual collector/ Balancer/Analyzer



### Features:

- 1 or 2 plane On-site Balancing
- 50 sets storage of balancing data
- Process clarified by vector graph
- Trial weight estimation
- Trial can be removed or remain
- Balancing weight can be decomposed to 2 required positions
- Rechargeable battery for more than 6.5 hours continuous operation
- Dual-channel vibration Analyzer
- 1600 lines FFT spectrum
- Spectrum and time waveform display
- Acceleration envelope demodulation

Auto-range or manual-range for impulse vibration measurement

Storage: 400 vibration value sets & 400 waveforms of 1600 samples

HG3.0 software analysis spectrum(only HG-601A can connection)

Chinese or English language operation, 4.3 inch Color display

### Specification:

Rotation Speed: 120-30,000 r/min

Input: Accelerometer & Voltage for velocity or displacement sensors

Measure Acceleration, Velocity, Displacement, Voltage and Acceleration Envelope

Balancing by the method of influence coefficient

Vibration value accuracy 5%

Operating Environment: -30° —95°

Normal temperature sensor Environment: -35° —80°

High temperature sensor Environment: -35° —130°

Frequency response for vibration overall value & Spectrum: 0.5Hz-10kHz

Hanning windowed Spectrum

Measurement Range & Resolution

Acceleration 250m/s<sup>2</sup> 0.1m/s<sup>2</sup>

Velocity 200mm/s 0.1mm/s

Displace 5000 μ m 1 μ m

Envelope 25m/s<sup>2</sup> 0.1m/s<sup>2</sup>

Laser tachometer

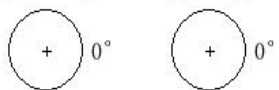
Size: 210\*130\*40mm

Weight: 950g(including battery)


collector & balancer interface

Point: No. <input type="text"/>	NEW data/OLD data	
P. name: <input type="text"/>	ACC: <input type="text"/> / <input type="text"/> m/s <sup>2</sup>	
Alm_mode: <input type="text"/>	VEL: <input type="text"/> / <input type="text"/> mm/s	
Freq_Range: <input type="text"/> Hz	DIS: <input type="text"/> / <input type="text"/> μm	
Sensor: <input type="text"/> Pc/m <sup>2</sup>	HFA: <input type="text"/> / <input type="text"/> m/s <sup>2</sup>	
<input type="text"/>	Fre: <input type="text"/> New: <input type="text"/> Old: <input type="text"/>	
<input type="text"/>	<input type="text"/>	
	Hz	

Channel: <input type="text"/>	Time: <input type="text"/>
Wave_Mode: <input type="text"/>	A_Value: <input type="text"/> B_Value: <input type="text"/>
Trig_Mode: <input type="text"/>	<input type="text"/>
Trig_Vol: <input type="text"/>	<input type="text"/>
Freq_Range: <input type="text"/> Hz	<input type="text"/>
Sen_Scale: <input type="text"/>	<input type="text"/>
Sen_A: <input type="text"/> Pc/m <sup>2</sup>	<input type="text"/>
Sen_B: <input type="text"/> Pc/m <sup>2</sup>	<input type="text"/>
Range_A: <input type="text"/>	<input type="text"/>
Range_B: <input type="text"/>	<input type="text"/>

Rotor No. <input type="text"/> Setting TrialEst TrialTest  GetResult Split Verifying	-----SETTING----- NUMBER OF PLANE: <input type="text"/> MEAS. MODE: <input type="text"/> WEIGHT UNIT: <input type="text"/> HAVE INFL COEF: <input type="text"/> SEN A: <input type="text"/> SEN B: <input type="text"/> CLEAR DATA: <input type="text"/>	Rotor No. <input type="text"/> Setting TrialEst TrialTest  GetResult Split Verifying	-----INITIAL MEASUREMENT----- MEASURE: <input type="text"/> SPEED: <input type="text"/> r/min  AMPLITUDE                  PHASE A: <input type="text"/> <input type="text"/> ° B: <input type="text"/> <input type="text"/> °  
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Rotor No. <input type="text"/> Setting TrialEst TrialTest  GetResult Split Verifying	-----TRIAL2 MEASUREMENT----- TRIAL LOCATION: <input type="text"/> ° TRIAL WEIGHT: <input type="text"/> g AFTER MEAS: <input type="text"/> MEASURE: <input type="text"/> SPEED: <input type="text"/> r/min  AMPLITUDE                  PHASE A: <input type="text"/> <input type="text"/> ° B: <input type="text"/> <input type="text"/> °  MORE DETAIL AND GRAPH TRIAL VALID:
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Rotor No. <input type="text"/> Setting TrialEst TrialTest  GetResult Split Verifying	-----TRIAL2 RESULT----- RETURN A CHANGED: <input type="text"/> % <input type="text"/> ° B CHANGED: <input type="text"/> % <input type="text"/> °  TRIAL2 VALID:  
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**HG-601A/ HG603A Packing List**

Vibration Data Collector	1
Accelerometer	2
Magnetic Mount	1
Steel Extension Probe	1
Battery Charger	1
Accelerometer Cable	3
USB Communication Cable(HG601A)	1
Balancing Module	1

Tacho/Trigger Sensor and cable	1
Reflector Paper set	1
Quick Start Guide	1
HG software CD (HG601A)	1
Certificates of HG-601A/HG-603A and sensors	3
Carrying Case	1
mount base stand for tacho sensor	1

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