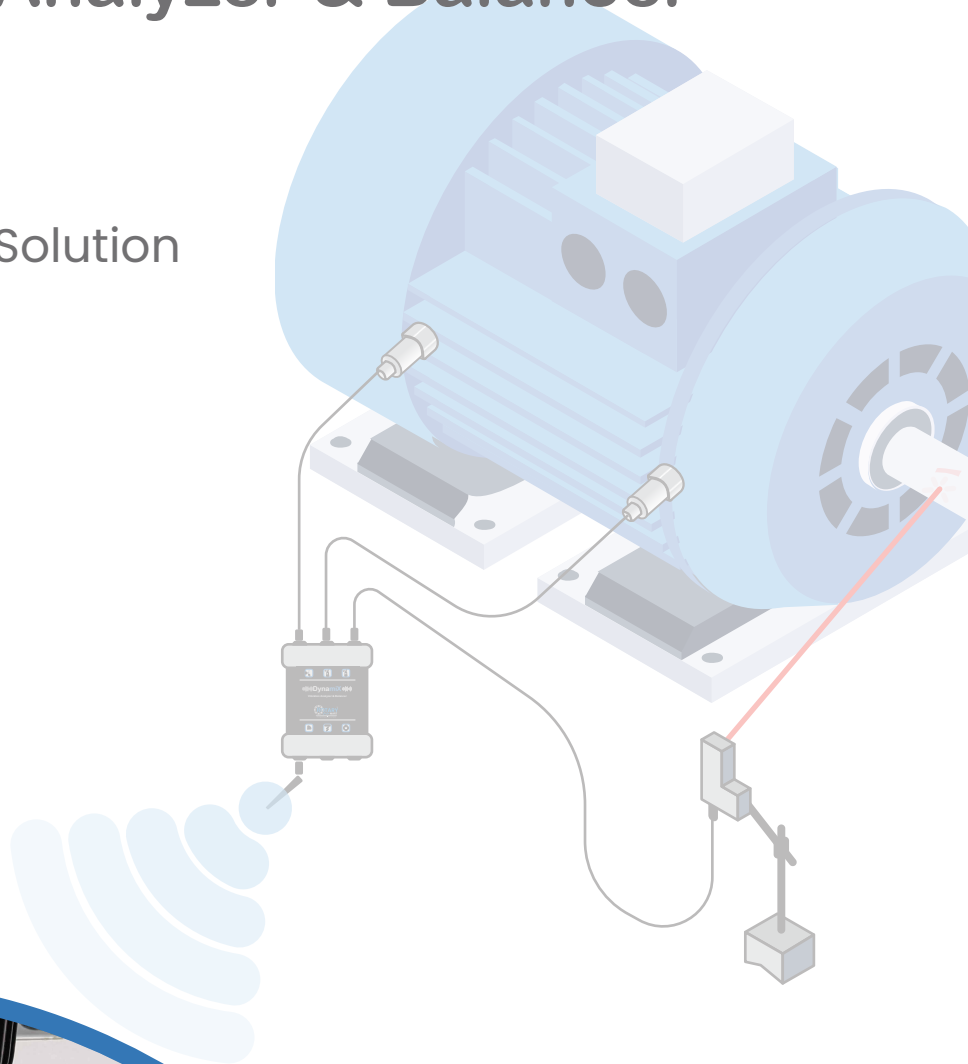


|||||DynameiX|||||

Vibration Analyzer & Balancer

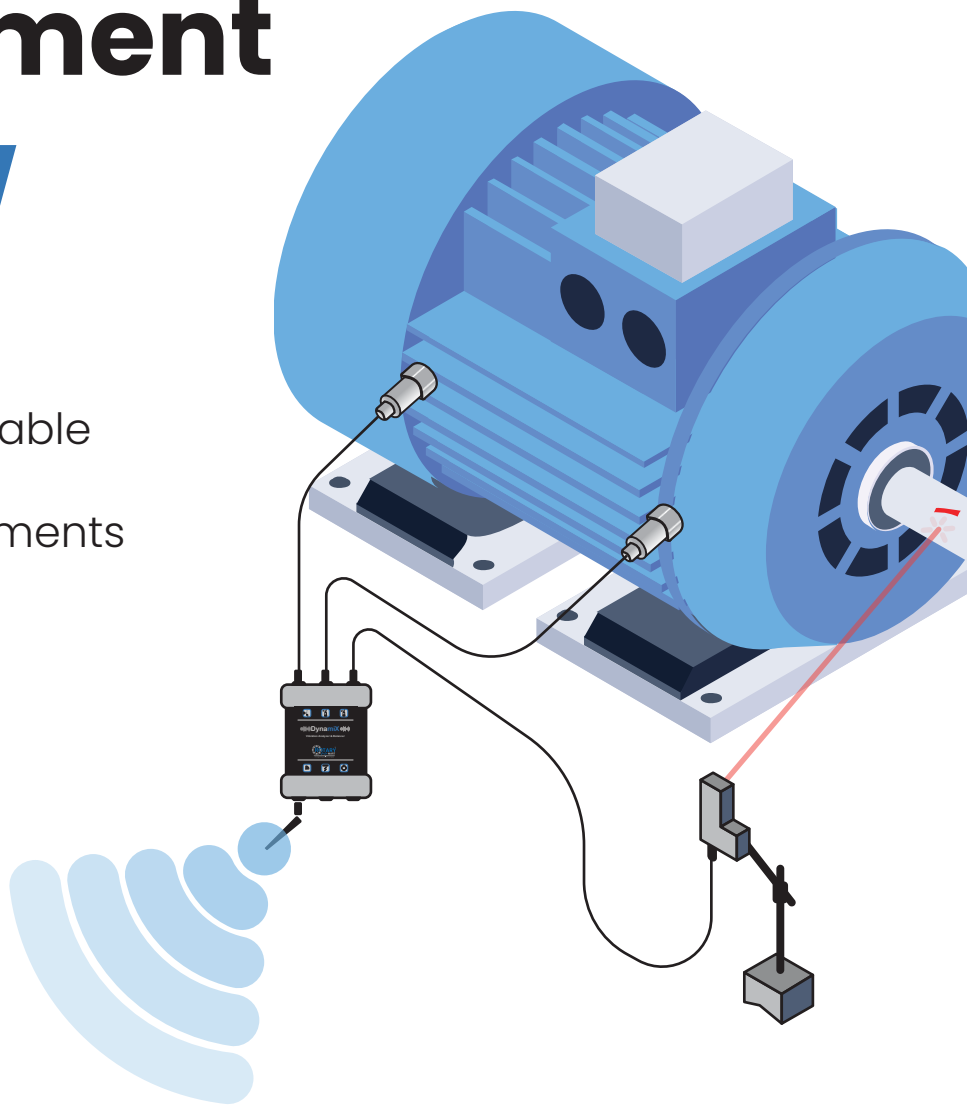
Vibration Based
Condition Monitoring Solution

Powered By



Measurement Workflow

Dual accelerometers enable quick and accurate relative phase measurements



Laser tachometer ensures precise speed and phase detection for vibration analysis and balancing



Wirelessly Record measurements & Analyze on any compatible Windows  laptop or tablet

Software Features

1

Route Data Collection

2

Automated Reports

3

Vibration Analysis

4

Bearing Fault Frequencies

5

On-site Balancing



Balancing Options

1

Single-plane Balancing

Correction planes

01

Measurement points

01

2

Single-plane Advanced Balancing

Correction planes

01

Measurement points

02

Algorithms:

Least-square optimal

Max-min optimal

3

Two-plane Dynamic Balancing

Correction planes

02

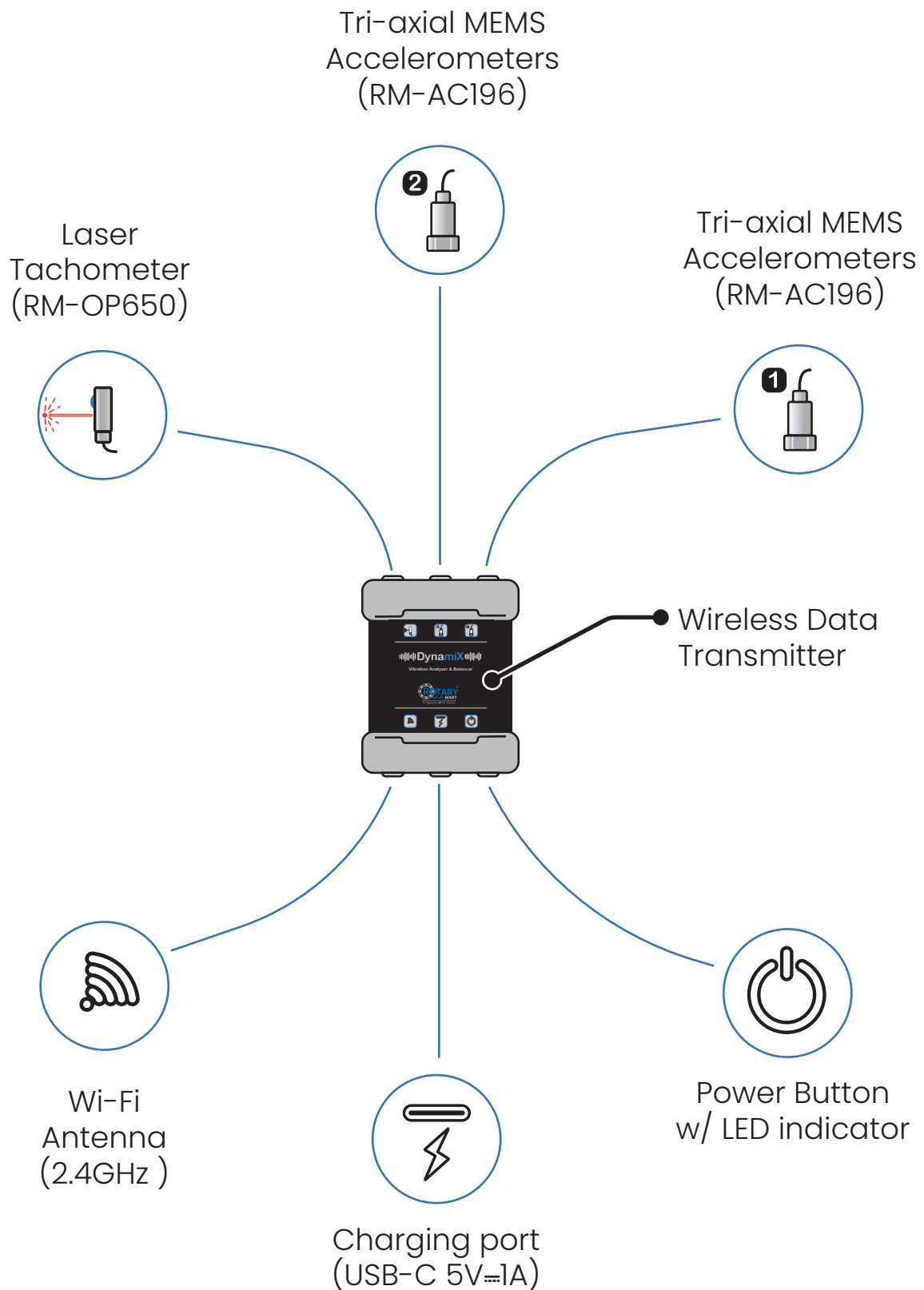
Measurement points

02

Algorithms:

GICA - Generalized Influence Coefficient Algorithm

Connectors & Control Layout

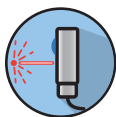


Sensor's Specification



Accelerometer RM-AC196

	Technology	Tri-axial Digital MEMS
	Sample Rate	26667 Samples/second
	Mehanical Bandwidth ($\pm 3\text{dB}$)	6 kHz
	Range	$\pm 16\text{ g}$
	Resolution	16-bits
	Noise density	$60\text{ }\mu\text{g}/\sqrt{\text{Hz}}$



Tachometer RM-OP650

	Wavelength	650nm
	Max. Range	2 meters
	Supply Voltage	2.5V - 5V DC



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