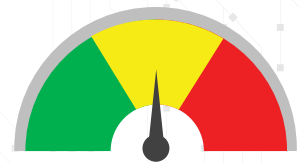
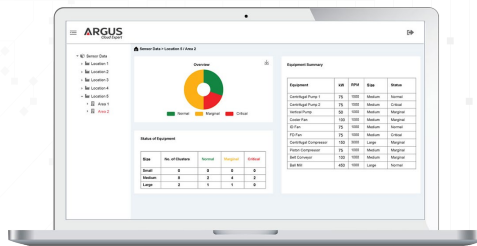


ARGUS

ONLINE 24/7 CONTINUOUS MONITORING SYSTEM

Migrate to predictive maintenance





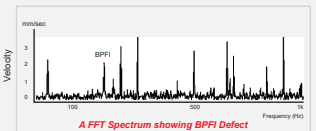
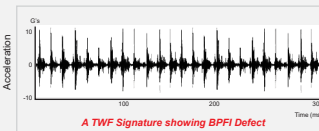
CONDITION MONITORING, FUTURE GENERATION

The ARGUS Online 24/7 Vibration Monitoring System represents the pinnacle of innovation, making it the premier choice for critical asset monitoring. Its state-of-the-art technology sets a new benchmark in the industry, delivering unmatched accuracy and versatility.

MORE POWER:

In the current scenario, plant-wide monitoring systems often face challenges with long cable connections for transferring vibration data from machinery to rack systems. These issues lead to time-consuming and complex installation processes. Revolutionizing the industry with the introduction of a first-of-its-kind online wireless data transfer solution.

- Wireless communication with the software's
- On-Air route creation
- Built in sensor: Tri-axis vibration, Temperature and Bearing Noise (10kHz)



MORE SECURE

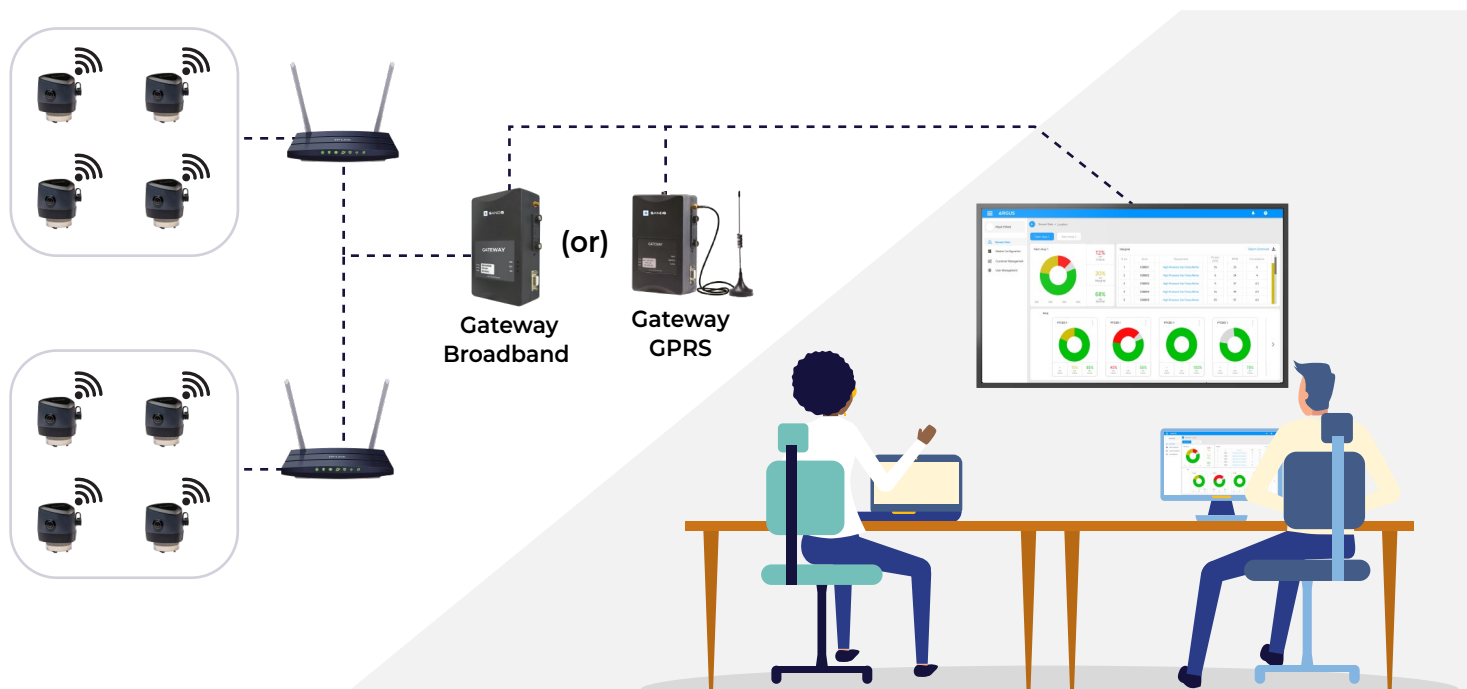
- Automatic ISO threshold configuration module is designed to utilize machine kinematics descriptions for setup. It requires only the information listed on the machine name plate, such as speed and power, streamlining the configuration process
- Automatic defect detection and identification system utilizes advanced AI & ML algorithms, leveraging historical data for effective diagnosis capabilities. By analyzing patterns and trends, it enhances accuracy and efficiency in identifying defects, ensuring precise and timely diagnoses
- Addition of users simplifies the complexity of predictive maintenance scheduling across multiple areas. By distributing responsibilities and streamlining communication, it ensures efficient coordination and execution of maintenance tasks, ultimately enhancing overall maintenance effectiveness

MORE RELIABILITY:

ARGUS is unrivaled as the fastest data collection tool available on the market, particularly notable for its scalability to meet the demands of industrial sites:

- Synchronous triaxial wireless collection: Enables the execution of 3 measurements in a single shot and synchronously
- Real-time processing ensures instantaneous display of results without any waiting
- Selection of sensor position & mounting axis selection guides the rounds man for acquiring accurate reliable data (pictures of sensor positioning, navigation on a route)

ARGUS DATA PASSAGE





ARGUS ONLINE-WEB SOFTWARE FEATURES

- Vibration & Temp in a single sensor
- Single / Tri - axial Measurements
- Sensor wireless communication (30mts open air)
- Data intervals (5/10/15 mins)
- 5v continuous power supply & Standalone battery for 8hrs
- Route Management
- ISO/Custom alarm settings
- Sensor on air configuration
- SMS / Email Alerts
- Historical trending
- FFT & TWF Analytics
- Dashboard & Key statistics
- AI & ML Diagnostics
- Multiple User View System
- Quick report download(PDF/EXCEL)
- Unlimited data storage
- Global accessibility
- Stud / Adhesive / Magnet Mounting
- Expert Diagnostics (SANDS - RDC)

TECHNICAL SPECIFICATIONS*

Frequency range	10 - 10,000 Hz
Measurements	Vibration & Temperature
Vibration Measurement	Tri-Axial
Amplitude range & settings	±16g
Temperature Range	Upto 100°C
Range	Acceleration: 0.01-299.99 m/s^2
	Velocity: 0.01-299.99 mm/s
	Displacement: 0.01-9,999.99µm
Accuracy	±1%
Communication	Wi-Fi (point to point)
Power interface	1. On/off indicator LED 2. Input 6 pin port 3. Battery full charge indicator 4. Low battery indicator
Weight	120 grams
Dimensions (HxDxW)	2.9 x 2.3 x 2.2 in (74 x 59 x 58 mm)

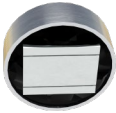
GATEWAY SPECIFICATIONS

Operating System	Linux v4.1
Processor Module	32bit ARM CORTEX A5
Surge Immunity	As per IEC 61000-4-5
Fast Transient Burst	As per IEC 61000-4-4
Electrostatic Discharge	As per IEC 61000-4-2

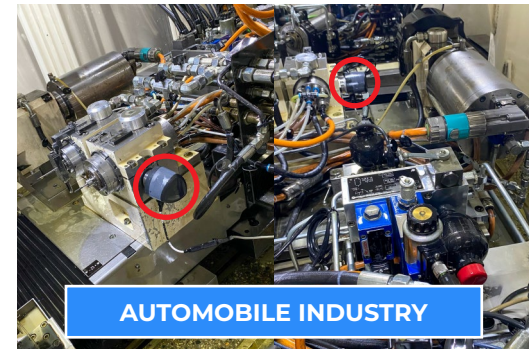
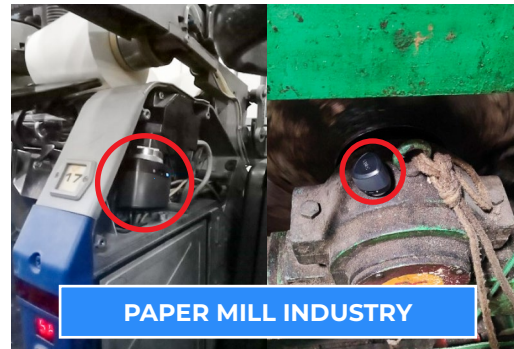
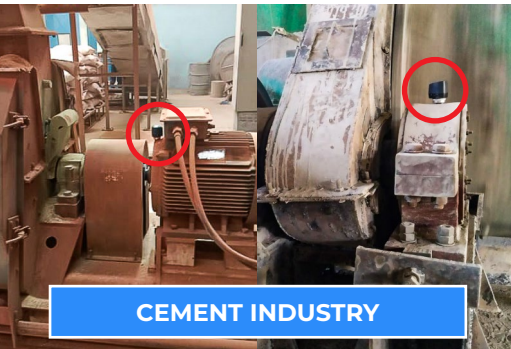
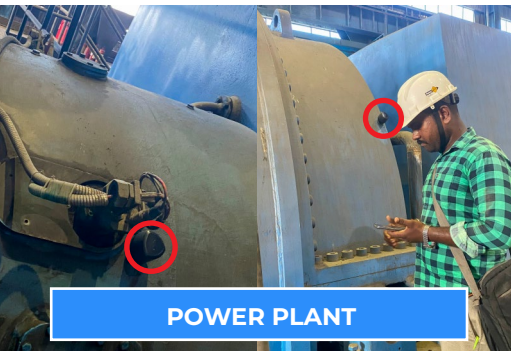
DIMENSIONS



ACCESSORIES

<p>Rail Magnet</p> 	<p>A strong magnet with a 50N pulling strength provides a secure and semi-permanent mounting to surfaces of all ferromagnetic materials, including motors, compressors, turbines, pumps, blowers, fans, and more.</p>
<p>Curved Magnet</p> 	<p>The curved rail magnet provides a more reliable mounting option, particularly for super-finished, high-quality steel and alloy bodies such as high-frequency spindles. Offers a variety of curved rail magnets to accommodate different spindle outer diameters</p>
<p>Belt Clips</p> 	<p>Inspecting the health of aluminum casing rotary assets with a magnet can be challenging due to improper attachment. SANDS brings different diameters of high-quality yet less damping durable belts to mount the vibration sensor quickly in a robust manner.</p>
<p>Stud and adhesive</p> 	<p>Stud and adhesive mountings are among the most reliable mounting options, as they allow the sensor to achieve its maximum frequency range. These options are highly recommended for permanent monitoring systems, high-frequency testing, and harsh environments.</p>

ARGUS TESTIMONIAL



OUR CLIENTS

SIGNALS & SYSTEMS (INDIA) PRIVATE LIMITED

Toll-Free: 18005729705 | **+91** 8056020558 | **Email:** sales@sandsindia.com

Web: www.sandsindia.com