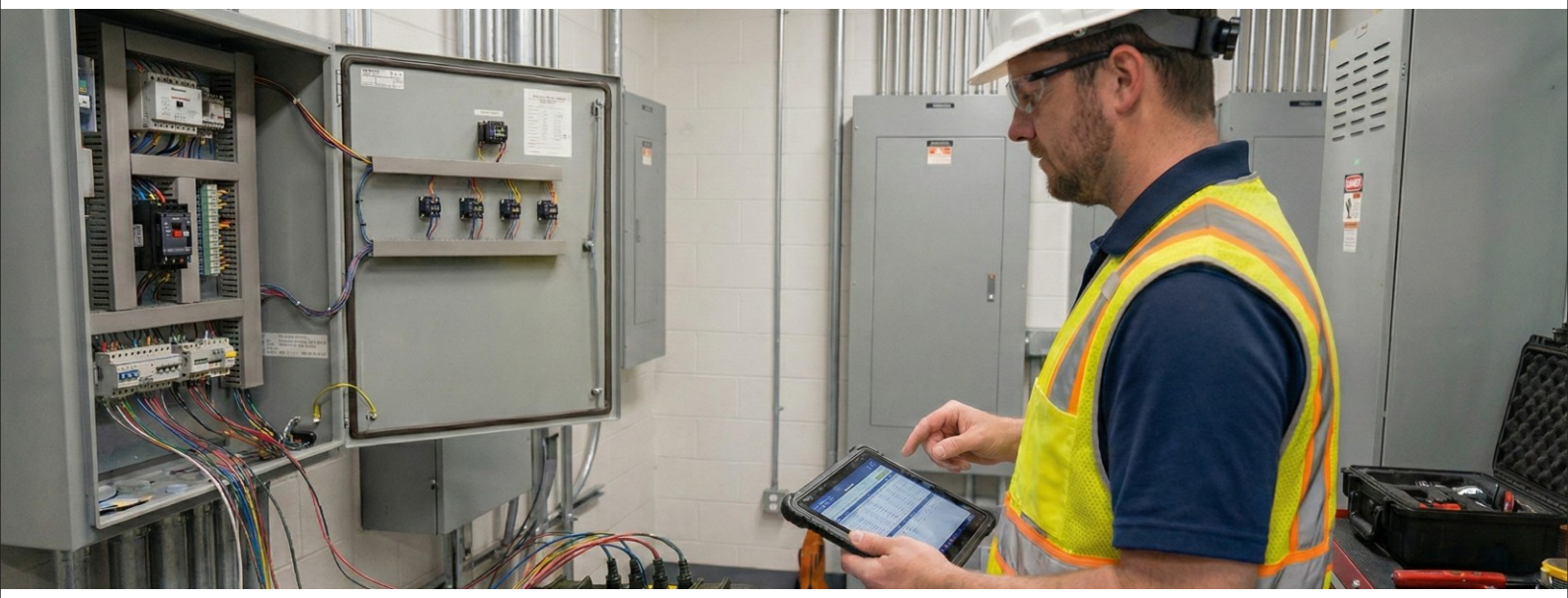
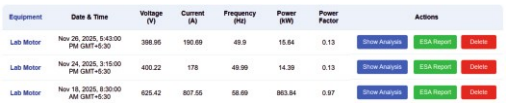
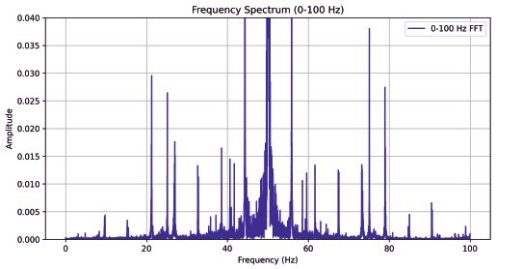
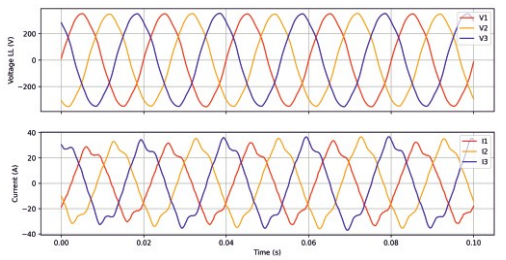
ABE
Accurate Balancing Equipments

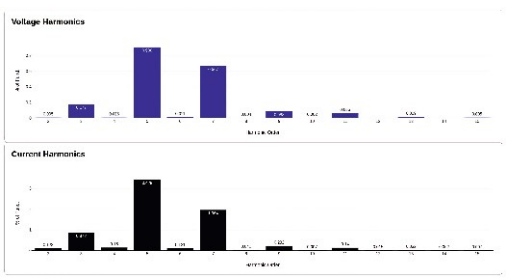


MCSA - Portable









INTRO :

MCSA- Portable puts instant motor health insights right at your fingertips-no permanent installation required. With advanced **motor current signature analysis**, it quickly evaluates motor performance anytime anywhere. By spotting faults early, it helps you prevent unexpected failures and keep your operations reliable.

FAULTS :

- Bearing failure
- Stator winding failure
- Power Loss Analysis
- Interturn faults
- Phase-to-phase faults
- Broken/cracked rotor bars
- Static and dynamic rotor eccentricity
- Phase Imbalance
- Rotor shaft misalignment
- Mechanical Imbalance Degraded
- Pump, Gearbox, Belt Pulley, Blower Fan, Faults

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ABE
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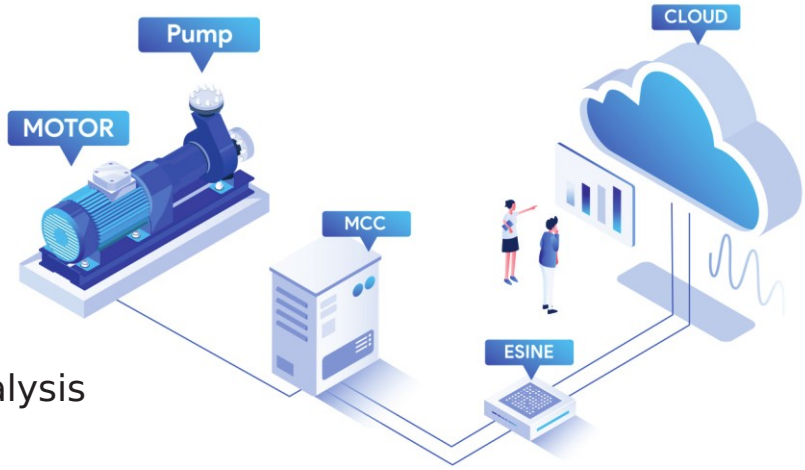
KEY FEATURES :

- Instant report with fault diagnosis
- ISO 20958 CM report
- Short test time (5minutes)
- Advance time waveform analysis
- Advance frequency spectrum analysis



KEY BENEFITS :

- Early failure detection
- Detects motor faults and load anomalies early
- Reduces unplanned downtime and production loss
- Potential energy savings

PREDICTIVE INTELLIGENCE THAT ACTS BEFORE FAILURE

TECHNICAL SPECIFICATIONS :

Device Details :	
Power supply	5V DC
Dimensions	250×200×50
Communication	Ethernet and USB
Measurement inputs	3-Ph Voltage and Current
Measurement accuracy	1.0% current, 0.5% voltage
Sampling frequency (pre-configured)	10kHz
Current Measurements:	
Connection type:	4-BNC connectors (RYBN)
Current Transformer type	Output range: 10mV/A to 500mV/A

Voltage Measurements:	
Connection type	5-4mm Banana Connectors (RYBNG)
Voltage range	800V
Data collection:	
Scheduled and continuous captures	Rms, Max, and Peak values
Transient and event captures	Load, PF, efficiency values
Unbalance and THD values	Active, Reactive and Apparent power values
Frequency spectrum analysis	Time waveform analysis
Power quality analysis	kW losses analysis

Thank You

For trusting us to drive the performance and reliability of your critical electrical assets.

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