



DECARBONISATION SOLUTIONS TO IMPROVE CII

The Complete Package

For data acquisition & improvement
of ship performance

Flow Meters

Shaft Power Meters

METIS Ship Connect

Variable Frequency Drives (VFD)

Ultrasound Antifouling Systems

LED Lights

AMIO

datum
electronics

M. metis

NaviPULSE



HASYTECelectronics

SEABRIGHT[®]
MARINE BRIGHT SOLUTIONS

AMIO

01

AMIO Coriolis Flow Meters

Accurate fuel measurement,
Better Decisions

Flow meters in maritime applications are essential for improving CII by providing accurate fuel consumption data and optimizing operational efficiency.

Flowmeter Benefits:

- Fuel Consumption Monitoring
- Accurate Data Collection
- Reduced Emissions
- Enhanced Voyage Planning

Shaft Power Meter Transform Your Vessel's Energy Efficiency

Datum's Marine Shaft Power Meter Systems are developed to provide real time and ongoing power monitoring data on propulsion shafts, thrusters and diesel generators.

- System Accuracy: 0.1%
- 100% Contactless
- Maintenance Free
- Highly Reliable
- Operating Temperature:
-15 °C + 80 °C

 datum
electronics

02

M. metis

03

METIS Ship Connect Automated data acquisition System

Data Acquisition as a Service ensures continuous data flow as well as data quality & reliability.

The service includes:

- Monitoring on a 24/7 basis
- Troubleshooting
- Support & Guidance (crew)
- Free Replacement units

Energy Saving with VFD Upgrade

Save Energy Save Money Optimize Efficiency

In maritime applications, VFDs enhance efficiency and ensure compliance with environmental regulations by reducing emissions and fuel consumption.

- Energy Efficiency
- Fuel Savings
- Reduced Maintenance Costs
- Lower Emissions
- Improved Motor Life

NaviPULSE

04



05

Ultrasonic Antifouling

Prevents Deposits, Improves Efficiency

The Ultrasound Antifouling Technology “Dynamic Biofilm Protection Intelligent®” prevents marine growth and biofouling on all liquid carrying surfaces.

Benefits:

- Save cost from propeller cleaning
- Reduce fuel consumption
- Helps to improve CII
- Increases operational safety

LED Lights

Energy-Efficient Lighting Solutions

Multipurpose floodlights for engine rooms, weather-exposed areas, cargo holds, deck, stores, workshops, industrial areas.

Designed according to rules of maritime classification societies and relevant standards.

- More than 70% Energy Savings
- 72,000 Hrs LED Lifetime
- Vibration Proof
- IP67 Classification

SEABRIGHT®
MARINE BRIGHT SOLUTIONS

06

Contact us:
sales@epe.gr