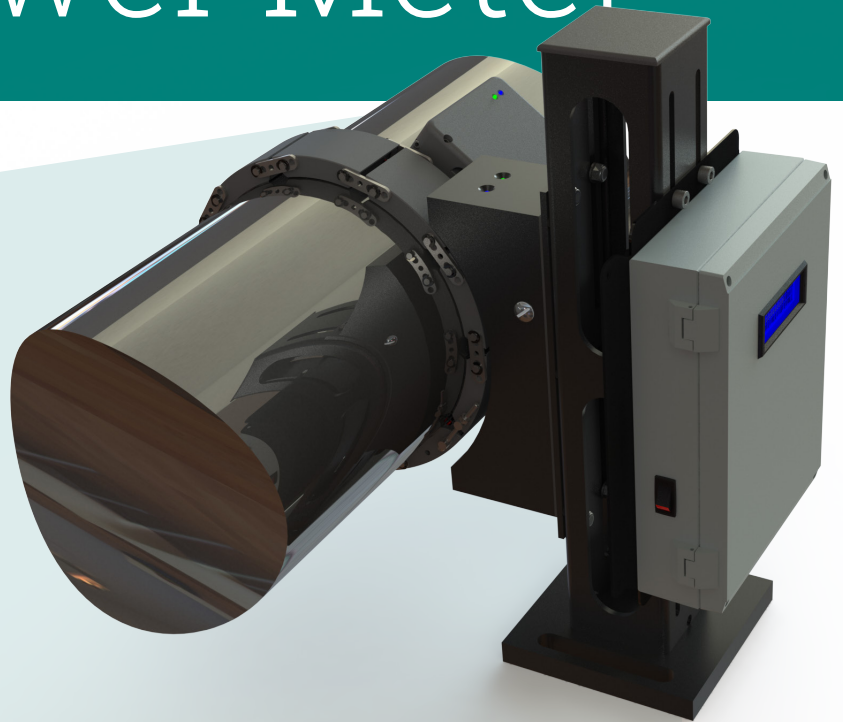


# Commercial Marine Shaft Power Meter

*“Saving money  
through  
**accurate  
shaft power  
measurement**”*



A **Datum Electronics**’ Shaft Power Meter System accurately measures the power, torque & RPM transmitted through a shaft, enabling the measurement of the actual power, delivered by an engine to a propeller or a generator. This data is essential for SEEMP & EU MRV regulations.

The cost of an accurate, permanently installed shaft power meter is relatively small in comparison with potentially large savings in running costs.

A Shaft Power Meter is essential to help in the reduction of running costs relating to:

- 1. Fuel Saving**
- 2. Improved Maintenance Scheduling**
- 3. Equipment Protection**

*With the cost of fuel continuing to impact businesses, the value of saving fuel has never been more important. An accurate, highly repeatable measurement of shaft power generated and power used are essential.*

# Accurate Shaft Power Measurement

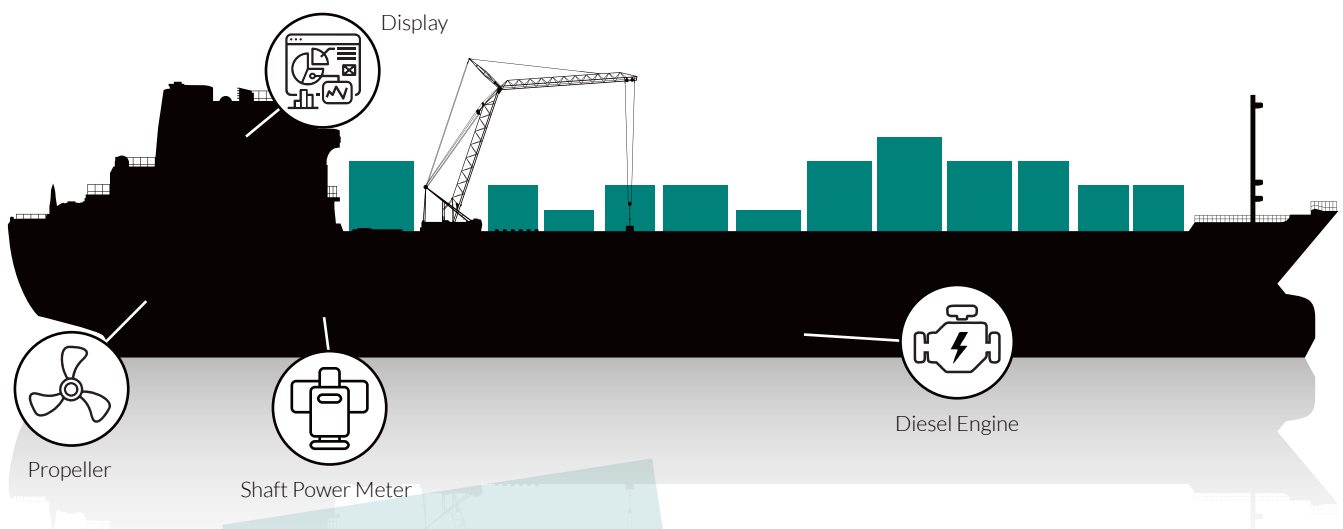
The modern shipping era sees “Big Data” as a key factor, and Shaft Power is an essential input to ship performance monitoring systems. The data from monitoring actual power levels provide an accurate reference point to assist with assessing:

**Engine Performance Monitoring**  
**Ship Propulsion Efficiency**  
**Hull Condition**  
**Propeller Condition**  
**Specific Fuel Consumption**  
**Operational Efficiency Planning**  
**Ship Condition Changes**

The same system will provide data to assess the value of new equipment and operating procedure:

**Changes to Operation**  
**Changes to Fuel Types**  
**Changes to Hull Coatings**

Fitted at an early stage, the shaft power meter system can be used in ship acceptance trials and from that point on be a measure of the condition of the ship throughout its lifecycle. It can also be retro-fitted where required to existing operational vessels of a fleet.



## Key Advantages of a Datum Electronics Shaft Power Meter:

- Fully modular system
- Fast delivery from order
- Extremely competitive pricing with no compromise on quality or system accuracy
- Multiple digital and analogue outputs available as standard
- Local display of Torque, Speed, Power + System Status
- Post or Bulk Head Mount Control Unit
- ECR display (optional)
- Manufactured in the UK
- Can be installed in 1-2 days
- Worldwide installation service

For more information, call us on  
**+44 (0) 1983 282834** or email  
**web@datum-electronics.co.uk**