



Unique Group

Load Testing Solutions

INDUSTRY APPLICATION

Container - Verified Gross Mass monitoring and measurement solutions



Buoyancy & Ballast

www.uniquegroup.com

Container - Verified Gross Mass monitoring and measurement solutions

System Capability

- + Single container VGM
- + Dual Container VGM
- + Hook height Z
- + C o G
- + SOLAS

Equipment

- + Load cells
- + Data Acquisition
- + HMI Display

Other Crane Products

- + CCM Crane Condition Monitoring COFAS Fatigue Analysis
- + RCI Rated Capacity Indicator Crane load measurement
- + Snag and ledge detection Integrity measurement

CVGM system is a real time mass measurement system with seamless integration into new or existing container handling equipment such as straddle carriers, rubber tired gantry (RTG) and STS.

- + Rugged, Reliable, Repeatable
- + Simple Install – new or retrofit
- + Accurate Weight Verification, exceeds IMO SOLAS
- + Dynamic (In motion) weighing
- + Integrated to TOS
- + Fully Configurable
- + Cabled or Wireless
- + Center of Gravity Measurement



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Sensor

- + Load Pin, Annular Cell or Twist-lock
- + Stainless Steel , IP67
- + Rugged MIL spec. connectors

Data Acquisition

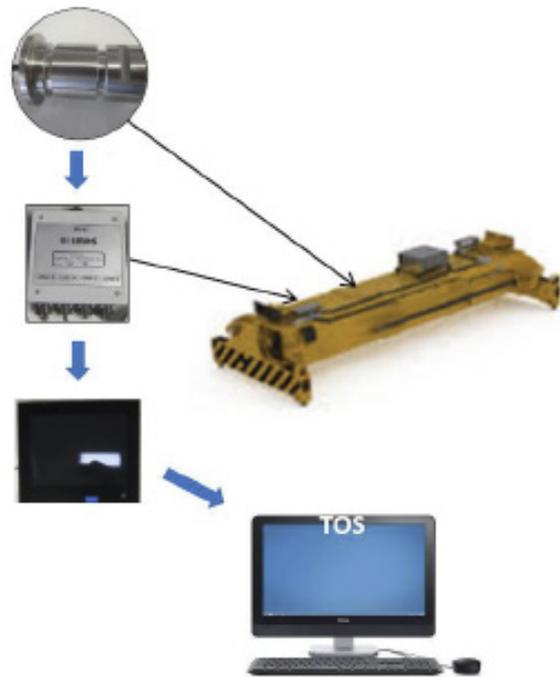
- + 4, 6 or 8 way (dual lifters)
- + Individual data allows C of G
- + Linearization for improved accuracy
- + Rugged IP66
- + Rugged MIL spec. connectors

Display/User Interface

- + 10" color Industrial HMI
- + Modbus, RS485, Ethernet, CAN bus
- + Wi-Fi option
- + Data storage

System

- + 11-30Vdc
- + System Accuracy $< \pm 1\%$
- + Configurable
- + Integrated to TOS
- + Wireless – License free, multi.



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Unique Group's Buoyancy & Ballast products are available for hire or purchase from more than 20 other worldwide locations via our network of independent partners. Please contact us for more details.