

Nobles Digital Electronics

Nobles Complete Electronic Lifting Products & Applications Overview Sheet



NATA Calibration Services

Nobles Electronics is a NATA accredited Metrology Laboratory public testing facility.

- Accreditation in accordance with Australian & International standards - AS2193 & ISO17025.
- Calibrations performed in any units of force such as kN, kg, tf, lbs, etc.
- Nobles NATA Accredited testing up to 3,500 kN (equiv. 350 tonnes-force).
- Nobles Non-NATA Calibrations up to 10,000 kN (equiv. 1000 tonnes-force)

Weighing / Load Measuring systems & Monitoring

We manufacture and distribute a wide range of quality load measuring systems up to 2000 tonnes capacity

- Load Measuring – Load Shackles, Load Links, Compression Load Cells, Shear Beam, Load Pins, and more.
- Wireless (Telemetry), Cabled, Self-Indicating & Datalogging Displays; mA output (0-20mA, 4-20mA) & mV output.
- Conveyor Belt Load Monitoring Systems – For maintaining the constant tension of conveyor belts.
- New solutions - Including Custom Data-logging and Check Weigh Systems, etc.
- RigMate Crane Scales & LoadMate Load Links

Custom Designed Load Measurement Systems

We also custom design and manufacture complete load cell systems to suit specific customer applications – such as:

- Complex Over Head Cranes Safety Systems
- Load Pin Systems
- Truck Weigh Bridges
- Ship Loading Systems
- Large Scale building Projects – Weighing Building Structures, Ships, Offshore Platforms etc.
- Customised Engineered Product

Mobile Cranes Safety Systems

We supply complete system solutions for Mobile Crane applications

- Crane hoist rated load monitoring
- Boom Angle Sensors
- Slew sensors
- Wind speed sensors
- Anti-two-block Switches (A-2-B)
- Tensiometers - (Also used for dynamic rope measuring applications, such as rope winches, and more)

Over-head Crane Safety Systems

Safety solutions for Over Head Crane Safety applications

- Load Monitoring
- Winch Lifting cut-out at overload
- Alarms/Sirens at trigger points
- Beacons (flashing lights)

ECAM Underground Mine Shaft Safety Systems

Complete safety solutions for underground mining applications

- Minitalk Communication System
- Digicom Video Communication System
- SSP98 Shaft Monitoring System
- Mine Hoist Monitoring System

Fixed/Static Wire Rope Measurement System

Rope Tension Meters for measuring static rope force applications – such as masts, guy wires, structure/ tower cables etc.

- Fulmer Tension Meters available for purchase
- Calibrations and Fulmer Tension Meter Hire Service available

Electronics Hire Systems

Nobles Electronics Specialised Load Cell Systems – For Hire

- 12.5t and 60t Pad-Eye Testers
- (4x) 50t Compression Hire System
- (4x) 150t Compression Hire System
- Other systems can be reviewed upon request