



LEADERS IN INSTRUMENTATION FOR THE LIFTING INDUSTRY

600 SERIES

LOAD - BOOM ANGLE - BOOM LENGTH
RADIUS + ANTI 2 BLOCK

Simple & Easy to use
Clear easy to read display - 25mm digits
Rugged alloy housing
Meets all known standards

- Full microprocessor control
- Hook load & rope overload warning
- Minimum/maximum angle warning
- Length & radius limit warning
- Load tare facility
- Display selectable for imperial/metric
- Alarm buzzer with override
- Anti 2 block warning



SENSORS TO MONITOR

Hoist rope line pull

- ◇ Up to 38mm diameter as standard
- ◇ Line-Rider (Dynamometer)
- ◇ Dead-End (Hoist rope anchor)
- ◇ Custom options available

Boom angle

- ◇ Solid-state sensor, no moving mechanical parts
- ◇ Accurate to 0.1°

Boom length

- ◇ Up to 50m telescoping range
- ◇ Built in slip rings with double contacts for A2B

SIMPLE TO INSTALL

No special equipment required
Full instructions provided to install & calibrate
User friendly software
Fully trained engineers available
World-wide support

Winch - Load & Distance

- ◆ Prevent overloads
- ◆ Monitor rope payout
 - * Distance
 - * Depth
 - * Height



RELIABILITY

VERSATILITY

SIMPLICITY

DESIGNED & MANUFACTURED BY...

LOADWISE INTERNATIONAL LIMITED





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For a fully featured indicator that offers a range of options the 600 series is the right choice; you can start with the full range of sensors, or choose to begin with a basic unit and add further sensors whenever you want.

The 600 series uses the same microprocessor technology throughout the range; every unit is pre-programmed for all combinations, only the display label and sensors are changed to suit the application.

600 series display selection options: -

	1st load	2nd load	Load 1&2	Angle	Length/Distance	Radius	Telescopic	Lattice
601 -	YES	NO	NO	NO	NO	NO	YES	YES
602 -	YES	NO	NO	YES	NO	NO	YES	YES
602 -	YES	NO	NO	NO	YES	NO	YES	YES
603 -	YES	YES	NO	NO	NO	NO	YES	YES
604 -	YES	YES	NO	YES	NO	NO	YES	YES
605 -	NO	NO	NO	YES	YES	YES	YES	NO
606 -	NO	NO	NO	YES	NO	YES	NO	YES
607 -	NO	NO	NO	YES	NO	NO	YES	YES
608 -	YES	NO	NO	YES	YES	NO	YES	NO
609 -	YES	NO	NO	YES	YES	NO	NO	YES
610 -	YES	YES	NO	YES	YES	YES	YES	NO
611 -	YES	YES	NO	YES	YES	YES	NO	YES
641* -	YES	YES	YES	NO	NO	NO	YES	YES

- Load indicators feature an adjustable rope limit and adjustable maximum load warning
- Angle & distance indicators have adjustable minimum & maximum warning limits
- Radius and length indicators have adjustable maximum warning limits
- Model 609 Features an automatic load limit change at a preset angle or radius

The 600 is usually combined with a Loadwise dynamometer load sensor to suit the rope diameter, line pull and application, various options are available e.g. line-rider or dead-end hoist rope anchor. Custom engineered load sensors are available on application. *Model 641 is typically specified for Marine Hoist cranes

Loadwise solid-state boom angle sensors are available for lattice boom cranes and cable reeling drums with integral boom length and angle sensors for telescopic cranes. Cable reeling drums include two slip rings each with double contacts for reliable continuity with anti 2 block switches (Loadwise model 330)



Cable reeling drums



Dynamometers



Load sensors



Anti 2 block - over-hoist kits

TECHNICAL SPECIFICATION

Display: LCD, 4.5 x 25mm digits. Horizontal format, optional backlight

Dimensions: 233mm x 112mm x 92mm

Weight: 1.5kg

Temperature range: -30°C to +60°C – Reference: BS7262:1990 & SAE J159 USA

Supply Voltage: 10 to 32V DC

Current Drain: 500mA

Relay Contacts (optional): 10Amps volt free

Inputs Analogue: Up to 2 Load, 1 Angle & 1 Length

Inputs Digital: Switching - Overhoist (Anti-2-Block)

Enclosure sealing: IP65

Boom length sensor accuracy +/- 5cm

Boom angle sensor accuracy: +/- 0.1°

Load accuracy +/- 2.5%

Compliance with Health & safety requirements

Presented by:

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Loadwise International has a policy of continuous product improvement and reserves the right to amend specifications without prior notice