

# Rated Capacity Indicator **i 3000**

## Why Choose the i 3000?

- ° Innovative, all-in-one-glance graphical display
- ° User friendly system
- ° Design focused on your needs
- ° Low Cost of Ownership
- ° Worldwide service network.

## Technical Data

° Accuracy :	±3.75 % SWL
° Operating Temperature :	-20°C to +70°C
° Supply Voltage :	11 to 36 VDC
° Display Size :	5" x 6" x 2.5"
° Display Sealing :	IP65
° Memory Capacity :	10,000 load/radius curves
° I/Os :	6 analog inputs 4 analog outputs 17 digital inputs 5 relay outputs
Peripheral Communication Port :	RS-232
Relay Outputs :	3NO/NC rated @30A 2NO/NC rated @20A

## Sensors & Switches Available

- ° Load Sensors : Load Link, Load Pins, Dynamometer
- ° Other Sensors : Damped Angle Sensor, Slewing Sensor, Pressure Sensor, Wind Speed Sensor
- ° A2B Switches : A2B Switches, A2B Switches

**RaycoWylie**  
www.raycotech.com  
sales@raycotech.com

Drury Lane,  
St Leonards-on-Sea, East Sussex,  
TN38 9BA, United Kingdom  
Tel.: +44(0) 1424 421235  
Fax: +44(0) 1424 433760

1020 9th avenue S.W. Suite 124,  
Bessemer AL, USA, 35022  
Toll free: 1-888-252-1957  
Tel.: (205) 481-2080  
Fax: (205) 481-2081

2440 ave Dalton, Sainte-Foy,  
(Qc), Canada, G1P 3X1  
Toll free: 1-800-563-6137  
Tel.: (418) 266-6600  
Fax: (418) 266-6610



Helping you getting the job done safely, efficiently and on time



## Crane Information Center

### i 3000

The **i 3000** is a new approach to crane safety instrumentation. At a glance, the operator can find graphically all the parameters of a machine connected to the system.

Extremely flexible, this Rated Capacity Indicator can be customized to meet your most demanding requirements.



### Your Advantages With Rayco-Wylie

- ° Available products and parts at all times
- ° Fast and simple installation and calibration
- ° Reliability and quality you can count on
- ° Expert advice and support, when you need it the most
- ° Fast delivery, when time counts
- ° Adaptable, versatile systems and products
- ° All systems are user-friendly
- ° All Rayco-Wylie products are fully certified
- ° Priced right for tremendous value.

## Advantages

### 1 Maximize Productivity

- ° View all necessary information at a glance
- ° Interactive crane configuration picture
- ° Continuous indication of duty and number of lines (falls) settings.

#### Features

- ° Graphical display with backlight, wide view angle, anti-reflective window
- ° Built-in bar graph
- ° Tare facility with indication of tared value.



### The i 3000 model from Rayco-Wylie combines all the crucial information you need

- ° Rated Capacity Indicator ° Range Limiting Device ° Load Indicator
- ° Outrigger monitoring ° Slew Indication by Absolute Encoder
- ° Anti-Two-Block System ° Margin of Safety ° Data Logger



With an increasing demand for versatile but more user friendly crane indicators, we decided to design the **i 3000** as a system that can be easily used and understood, while incorporating more capacity to display information for the operator.

The **i 3000** is designed to be an information center for the crane with advanced features for data collection, display or remote transmission. Moreover, the system enables the owner to add such features as datalogging, outrigger monitoring, and range limiting to his graphic display of crane parameters.

- Frank Beardsley  
Technical Director

### 3 User Friendly

- ° Graphical display
- ° Reverse video display for low-light viewing
- ° Self-diagnostics system warns the operator of any type of system failure
- ° Quick and easy installation as well as calibration.

#### Features

- ° Graphic alpha numeric display
- ° Pop-up window selection
- ° Sealed touch-sensitive control panel
- ° Error code shown on separate screen
- ° Audible and visual alarms
- ° Keypad is used for all calibration routines (no additional device needed).



### 2 Increase Safety and Protection

- ° Meets all known American, European and International safety standards
- ° Data protection in case of failure
- ° Hoist rope overload protection
- ° Motion cut option.

#### Features

- ° CE, SAE, OSHA
- ° Low voltage, overload and short circuit
- ° Calibration is password protected.

### 4 Flexible

- ° Alternative languages available
- ° Compatible with most existing competitive sensors.

#### Features

- ° Load input from pressure sensors, tension links, load pins, or any strain gage device.

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