

## Description

The GY-300 is an NTEP approved weight indicator and controller built for factory critical processes. Ideal for highspeed legal for trade scales which require maximum uptime. The system records weight while also controlling other peripherals and outputing organized data to a PC or plant server.

## Applications

- Critical Function Scales
- High Speed Scales
- Hot Scale
- Cold Scale



## Features

- NTEP approved as a legal for trade scale indicator and control box
- Sophisticated load cell signal filtering for more accurate weight calculations
- Customizable functionality allows for a user interface designed specifically to the application
- Convenient box latches and water tight seal for washdown protection
- Bright 7 segment LEDs clearly and reliably display information
- RS232, RS422, 20mA, and ethernet conversion communication busses allow for communication with peripherals and PCs

## Electrical Specification

<b>Line voltage</b>	115VAC
<b>Power Consumption</b>	1.5A Max at 115VAC
<b>Circuit Protection</b>	EMI Protection

## Physical Specification

<b>Dimension (WxHxD)</b>	24"x20"x6"
<b>Weight</b>	11.3lbs
<b>Enclosure Material</b>	Stainless Steel
<b>Enclosure Rating</b>	NEMA 4x/IP66

## Communications and I/O

<b>Number of I/O</b>	55
<b>Communication Ports</b>	4 Ports, choose from RS-232, RS-422, 20mA, Ethernet.

## Weighing Specification

<b>Excitation Voltage</b>	+12VDC, up to 4 x 350 Ohm load cells
<b>Signal Input Range</b>	0 mV to +36 mV
<b>Max Weight Display</b>	9,999,999
<b>System Linearity</b>	+/- 0.01% to 10KHz +/- 0.03% to 30KHz

## User Interface

<b>Display</b>	5.2" x 0.8"
<b>Keypad</b>	Optional

## Operating Conditions

<b>Ideal Operating Temperature</b>	14°F to 104°F (-10°C to 40°C)
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NTEP approved under NTEP certificate 98-138