- **Highly Accurate, Proven and Rugged Design**

- **Large 8 segment LED display, clear and simple to read.**

- **2 line LCD display for programming**

- **Interfaces with RS232/422/485, Profibus DP, EtherNet, and Wi-Fi**

- **Simple set-up, calibration and diagnostics with clear plain English menus**

Application

GWS weigh controller is used with either a static or continuous weigh system. They can be used with a wide range of equipment:

- Belt Scales

- Weighfeeders

- Flow Meters

- Loss-in-weight feeders

- Weight Indicators

- Batching control

The rugged design ensures a high degree of reliability and availability.
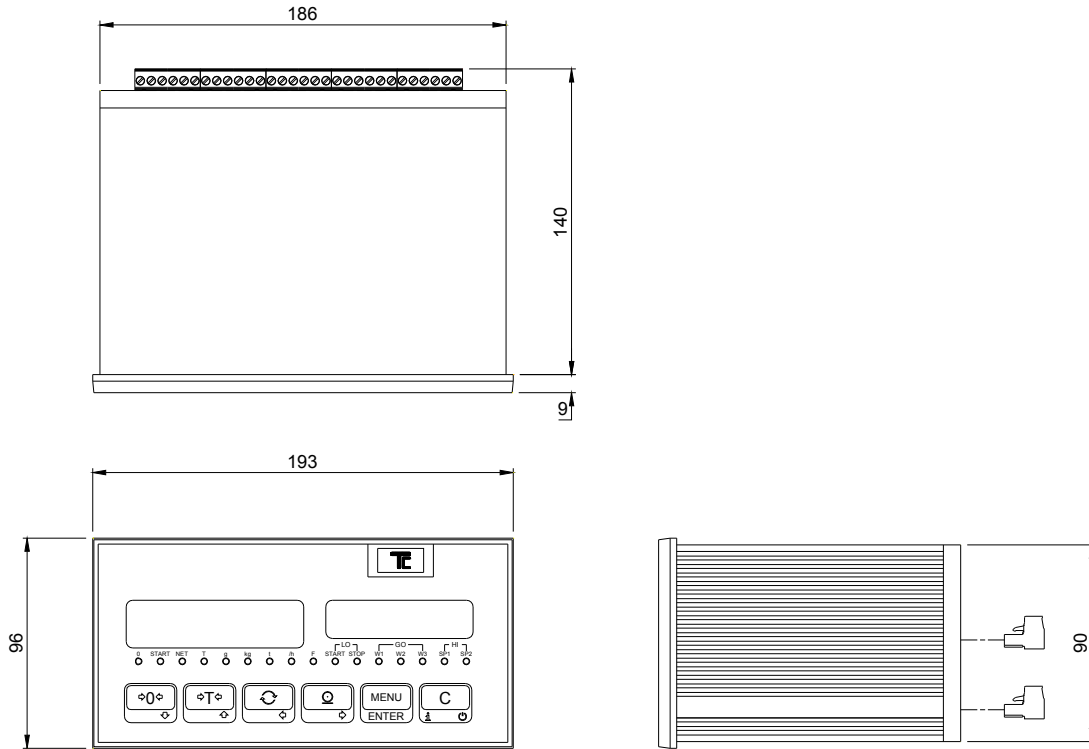
Features

The features of the

- Easy to use 6-key waterproof keypad.
- Main semi-alphanumeric red LED display, highly efficient, with 6 digits 15 mm high.
- Secondary alphanumeric backlit LCD display with 2 lines of 16 characters each. Synoptic bar graph with 16 bright indication LED's showing the active functions.
- Instrument management and configuration from PC
- 8000000 displayable divisions at 0.3 µV/d

- Internal resolution up to 3000000 counts.
- A/D 24-bit 4-channel sigma-delta conversion, up to 200 conversions per second.
- Connectable to a platform or with up to 8 standard load cells having 350 Ohm input resistance.
- 8 VDC to 40 VDC power supply

Options

- Profibus DP Card
- RS232C port
- RS422 port
- RS485 port
- EtherNet
- Wireless

Dimensions

Technical Data

Housing	Brushed Aluminium
Primary Display	6 Character, 8 segment LED, 15mm high. 16 LED warning alarm signals
Secondary Display	2 line x 16 character backlit LCD
Keypad	6 button
Resolution	0.3uv/d, 24 bit processor, 3000000 counts resolution
Wiring	Max. 3mm dia. via 5.0 mm pitch plug in terminals
Power Supply	Nominal 24VDC 12W (8V to 24VDC)
Ambient Temp.	-10º to 40º C
Inputs	Load Cell input ± 10V, >40Ω 1 Speed input (v, RPM) 0/4-20mA Input (optional) 5 Digital Inputs (24VDC)
Outputs	2 x 0/4-20mA (optional) 10 x Digital outputs (24V/1 Amp, 48V/0.5Amp) 1 x pulse output
Protection Class	IP2X, front panel to IP56
Interfaces	RS232C RS485 RS422 Ethernet TCP/IP Profibus DP Wireless (Wi-Fi) Ethernet

Due to our policy of continuous improvement, dimensions and specifications may change. Have dimensions certified for installation purposes.