

HIGHLIGHTS

- Highly Accurate, Proven and Rugged Design
- Clear and Simple Display
- Belt Scale, Weigh Feeder and Flow Meter Software Included as Standard
- Simple Set-up, Calibration and Diagnostics with Clear, Plain English Menus

APPLICATION

GT500 weigh controller is used with either a static or continuous weigh system. They can be used with a wide range of equipment:

- Belt Weighers
- Weighfeeders
- Flow Meters
- Weight Indicator
- Batching control

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

The system is supplied as front-of-panel mounting unit or with wall mounted control cabinet in mild steel, UV stabilised plastic or stainless steel.

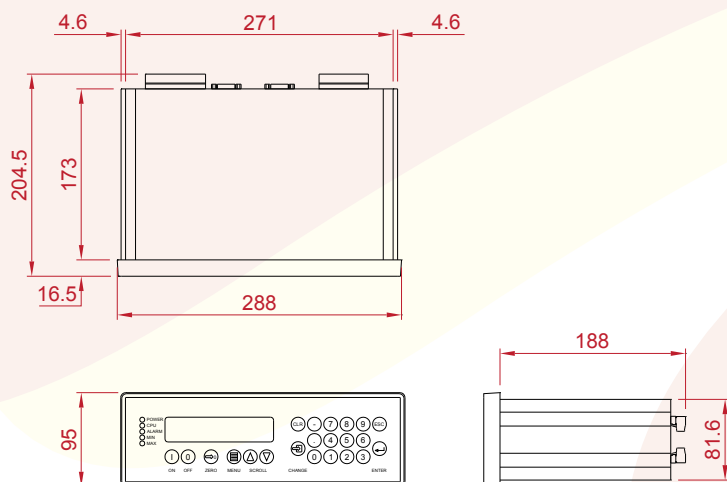
The unit includes the following features as standard:

- Accuracy better than 0.1%
- Ergonomically styled keyboard with audible press confirmation
- Self Diagnostics
- 3 programmable status LED's, for Alarm, Warning, Max. and Min.
- All field wiring to a fixed, static location
- Manual and/or automatic zero setting

FEATURES

- Full feed/dribble feed or VSD control for accurate batching
- Galvanically isolated digital outputs
- Fail-safe data memory (EEPROM)
- Integrated diagnostics and selftesting functions
- Auto calibration (automatic calibration programs, self-starting taring)
- Calibration intervals with signal output (intervals programmable)
- Flow rate pulse (level and pulse width set by programming)
- Status, event, calibration and quantity reports
- Simulation mode for testing and training.

DIMENSIONS



TECHNICAL DATA

Housing	Brushed Aluminium, pressed sheet steel, painted
Power Supply	24VDC 20W ± 20%
Ambient Temperature	-25° to 40° C
Inputs	Load Cell Input ±9V, >80Ω Speed (Namur/Proximity) Inputs (v, RPM, Belt Drift) 0/4-20mA Input 3 Digital Inputs (24VDC)
Outputs	2 x 0/4-20mA 7 x Digital outputs (250V/1A) 1 x 24VDC pulse output
Interfaces	RS232C to 1m, RS485 to 1000m, Printer Modbus, Profibus DP
Display	160 x 32 dot matrix display multi-line
Keyboard	One piece tactile touch with audible confirmation
Protection Class	IP-65
Status LED's	max., min., alarm, warning, CPU okay
Panel Cut-out	273mm x 82mm (+ 1mm, -0mm)
Connection	Plug in 5mm spaced terminals max. wire 2.5mm (SWG12)

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