

Model 350 & 355 Weight Indicators

- **Versatile high-end weighing performance at low cost**
- **Stainless steel IP65 field enclosures suitable for wash-down areas**
- **350 also available in die cast panel mount form**
- **355 includes parts counting and batching capability**
- **Suitable for mains or battery operation (with 'sleep-mode')**
- **Plug-in options allow expansion of functionality**



Best in class

The 350 and 355 digital indicators provide all the weighing performance required in modern manufacturing plants. A choice of hardware and firmware options allows it to be cost-effectively tailored to each user's exact needs.

Applications

The versatility of the 350 and 355 makes them equally suitable for a stand-alone weigh scale, dosing and filling, or check-weighing system, or for integration with a PLC or computer based control system.

Options for the 350 of zinc die-cast and 304 stainless steel enclosures means that the 350 is equally at home in a control panel or field-mounted in the wash-down areas of a food plant.

Calibration and setting up

The 350 and 355 are quick and easy to set-up and calibrate. With their display and key pad alone, the user can calibrate and configure the instrument for a wide range of weighing tasks.

Digital inputs and outputs

A plug-in module provides three outputs which can be configured to perform a number of functions including check-weighing, single ingredient fill (355) with two-speed and auto-in-flight, discharge and fill and discharge. Setpoints can respond to net or gross weight and rising or falling values.

One digital input is fitted and this can be configured as a Print, Tare or Zero function.

System integration

A single RS232 (optional RS485) communication port can be connected, for example, to a printer, or remote display. The data format and content are set using one of the ten built-in formats or with the 'customer transmit table' feature.

A plug-in module provides a 0-10 V or 0/4-20 mA output which can be set to track net or gross weight.

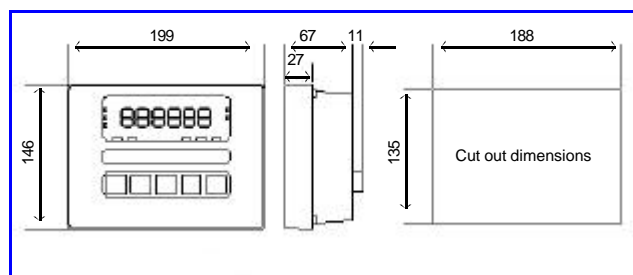
Technical Specification

Performance	
Display resolution	20-bit ADC, 100,000 displayed, 500,000 internal
A/D conversion rate	60 Hz
Non-linearity	0.005% FSD
Calibration method	Used built-in display and keypad. Non-volatile data storage
Load cell circuit	10 Vdc, 180 mA, 4 or 6 wire connection including sense circuit
Signal range	0.1 m V/V min - 20 mV/V max.
Temperature effect	Span and zero both 1 ppm/°C
Filtering	Selectable 0.065 - 8 sec
User interface	
Display size and type LED LCD	6 digit 22 mm high characters plus 11 LED annunciators for operational status 6 digit 25 mm high characters plus 11 LCD annunciators for operational status. Includes LCD checkweigh/sort bargraph
Keypad 350 355	5 key durable elastomeric (rubber) 18 key, full numeric, durable elastomeric (rubber)
Inputs/outputs	
Digital input	1, momentary contact closure, > 100 ms. Tare, Print or Zero
Communication port	RS232 bi-directional, RS485 available - see options
Data rate and format	150 - 9,600 bps, 10 fixed format transmissions and 1 custom format
Power requirement	
350 panel mount	230 Vac, 10 - 26 Vdc or battery
350/355 field mount	110, 230 Vac, 10 - 26 Vdc or battery
Construction and housing	
Enclosure 350 panel mount 350/355 field mount	Zinc die cast with black powder coat 304 stainless steel including bracket stand
Protection 350 panel mount 350/355 field mount	IP20 IP65
Cable access	Via metal compression glands on field mount version

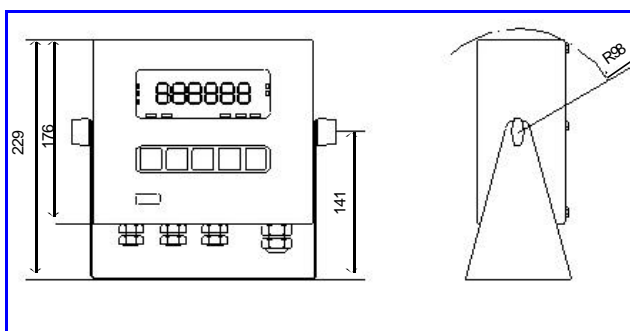
Options

Analogue output module	Internal module, 16-bit, 0 - 10 V, 0/4 - 20 mA, active, optically isolated
RS485	Internal module
Relay output	Internal module, 3 solid state, 20 - 280 Vac @ 1 A or 3 - 60 Vdc @ 2 A
Mounting kits	Panel and wall mount kits

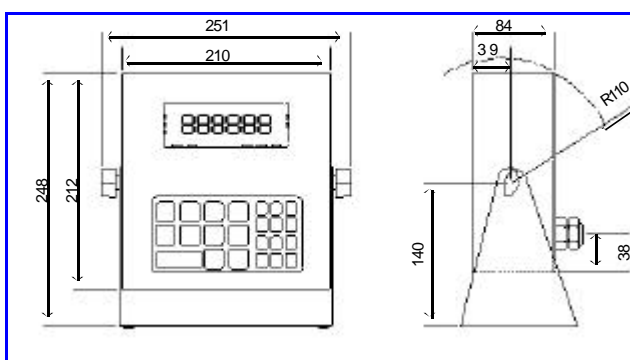
Dimensions



350 panel mount digital weight indicator



350 field mount digital weight indicator



355 field mount digital weight indicator



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