



CONVEYOR BELT SCALES

Belt-Way Integrator

Dynamic Tare and Clear Weight Adjustment by Simple Push-Button Operation

Automatic Zero Adjustment

Display Flow Rate of Your Choice Tons/Hour, Lbs/Hour, Kgs/Hour, Tonnes/Hour

Both Resettable and Non-Resettable Totals

Ethernet

Optional Analog and Digital Output

Durable, Accurate, Repeatable

Easy to Install, Easy to Calibrate, Stays Calibrated

Belt-Way Integrator

SPECIFICATIONS

BWINT Integrator

Calibration	Automatic tare weight determination, dynamic test and recalibration, automatic zero adjustment
Alarms	Load Cell Failure Belt Speed Zero Optional process alarms, such as low and high rate, speed, load, etc.
Communications and Printer	Ethernet port supports Modbus/TCP Optional Communications Gateway: Allen-Bradley, Ethernet IP, Profibus, etc. 2 ports RS485 are available for daisy chaining a master and multiple slaves for blending control 1 port RS485 from Junction Box to Integrator 1 port RS232 for ticket printer 1 port RS232 for scoreboard display USB port for data download and firmware updates
Field Mount Housing	Dimensions: 22.5 x 16.5 x 13.5 cm (8.8 x 6.48 x 5.3 in) Protection: IP 65 Equivalent
Display	Large color graphic display with multi language support
Electrical Ratings	Input Power: 12-30 VDC, 24 VDC 2.25A Max AC Power Option: Input: 100-240 VAC, 1A Max, 50-60Hz Output: 24 VDC, 2.25A Max
Environmental Conditions	Operating Temperature -20°C to +45°C (-4°F to +113°F)
Load Cell Inputs	Support 8 independent load cell inputs Nominal supply 9 VDC - 250mA Nominal signal +2 mV/VDC (Option 3mV/VDC) Load cell resistance 350Ω
Optional Digital Inputs	Four opto-coupled programmable inputs One input for speed sensor Speed sensor input NPN - three wire or Shaft Encoder, push-pull output
Optional Digital Outputs	Three digital outputs open drain, programmable One relay output programmable, suitable for 230 VAC, 5 Amps
Optional Analog Outputs	Two analog outputs programmable (0-20mA/4-20mA)
On Board Memory	1,080 hours of internal memory storage
Online Reporting & Smart Phone App	Each Integrator is equipped to connect to Plant Connect



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