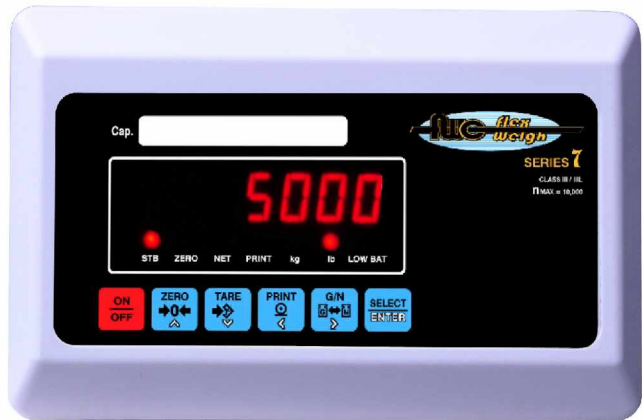




Series 7



Specifications

Internal Resolution	1,000,000 counts at 3mV/V
Display Resolution	Selectable (1/10,000 NTEP approval pending)
Input Sensitivity	1 μ V/graduation typical, 0.4 μ V/graduation minimum
Display Increments	Selectable x1, x2, x5, x10, x20, x50, x100
Decimal Point	Selectable 0 ~ 4
Display	7 Digits 7-Segment LED display, 14.2mm (0.56") high, with annunciators (7 LED lamps) for function select, Stable, Center Zero, Net, Print, kg, lb, and Low Battery display
Keyboard	Standard - 6 button tactile keypad including Power On/Off key Optional - 18 button tactile keypad including Power On/Off key
Audio Alarm	Tone for key entry confirmation and low battery alarm
A/D Conversion Rate	7.5 updates per second
Load Cell Excitation Voltage	9.7VDC or 5VDC selectable. Drive up to six 350 ohm load cells
Analog Input Range	0.2mV/V to 3.0mV/V maximum
Non-Linearity	0.01% of full scale or less
Over Capacity	Display "CAP OL" when exceeds full scale capacity
Tare	Standard - Pushbutton tare Optional - Pushbutton tare, numeric tare entry & 10 predefined tare recall
Auto Zero Tracking	Selectable to 3.0 d by 0.5 d step
Motion Window	Key in data 0..255 (1 = 0.5 d)
Calibration Method	Software – Menu driven prompting
Units of Measure	Selectable kg/lb/g/oz, up to 2 units displayable
RFI/EMI Protection	All signal and excitation lines filtered to –65db min. @ 500MHz
Filtering	Selectable digital filter
RS-232C data output	COM Port 1. Full Duplex or Bi-directional COM Port 2. Simplex or Unidirectional (output only) Selectable baud rates (1200,2400,4800,9600,19200), manual or auto print, continuous data out or bi-directional communication
Remote Display	Standard – Remote only Optional - Programmable as Main Indicator or Remote Display
Custom Print Format	Programmable, up to 119 characters for Custom Print Format and up to 23 characters for Continuous Print Format
Set Points	Standard - None Optional - Selectable up to 2 Set Points for Low and High limit settings
Power	100/115VAC or 220/230VAC, 50-60Hz, 6VA with built-in Charger for 12VDC 2-2.3AH Rechargeable Sealed Lead Acid Battery (Battery Dimension 67 (H) x 178 (W) x 34 (D) mm, is optional)
Current Consumption	100mA + 30mA per 350 ohm load cell
Operating Temp	-10 degrees C to + 40 degrees C
Relative Humidity	Maximum 90% RH, Non-condensing
Dimensions	150 (6")H x 230 (9.1")W x 100 (4")D mm - ABS (Standard) 140 (5.5")H x 230 (9.1")W x 90 (3.5")D mm - Stainless Steel (Optional)
Shipping Weight	2.7lb (5.1lb with optional battery) – ABS (Standard) 4.7lb (7.1lb with optional battery) – Stainless Steel (Optional)
Enclosure	ABS Plastic Casing, Optional Stainless Steel, NEMA 4-X
Warranty	One Year Limited Warranty