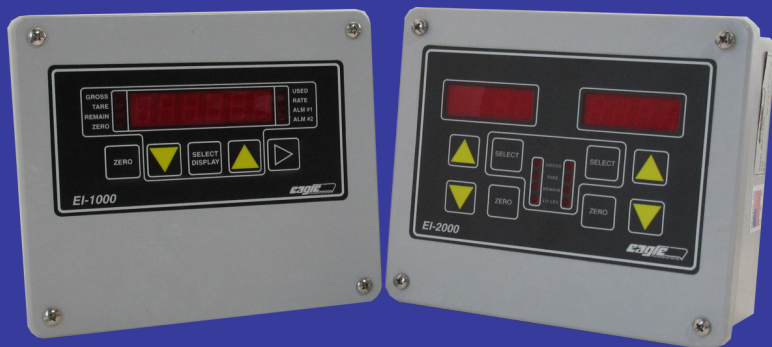


# EI-1000/2000

## Precision digital weight indicator



### Features

- Large, bright LED display
- 4-20 mA dc, serial, and modbus RTU standard
- Displays used, remaining gross, tare and rate
- LEDs display operating mode and low level alarms
- Supports up to 16 load cells

EI-1000/2000

### Description

The Eagle Microsystems EI series digital weight indicators are high precision digital weight indicators for use with any Eagle scale. The 1000 is used for a single scale base, while the 2000 is intended for dual scale installations, providing cost savings with a single instrument.

Large, bright LED displays and high accuracy, 4-20 mA dc outputs scaleable to any required range characterize both instruments. Both displays and outputs are continuously available. The user-friendly function keypad permits selection of displays for: amount used, amount remaining, total weight, tare weight, gross weight, and use rate.

Both units offer a unique pushbutton zero function and calibration verification that allows the user to verify system calibration every time they install a new load onto the scale. The instruments offer 5 modes of operation, ranging from fully automatic to full manual. In the automatic mode the instrument automatically computes tare weight and then displays the amount of chemical available.

Your Source for Precision Process Solutions



# EI-1000/2000

## Precision digital weight indicator

Specifications	
Load cell input range	-0.4 to 3.3 mV/V
Analog output	One 4-20 mA dc, 500 ohms per channel
Serial interface	RS-232, RS-485 standard
Digital communication	Modbus RTU
Operating temperature range	17°-104° F, -10°-40° C
Power required	110/230 V, 50/60 Hz switchable
Power consumption	12 W
EI-1000	
Display	6 digit 7 segment 0.56" red LED
Operator interface	5 tactile pushbuttons
Channels	1
EI-2000	
Display	(2) 4-digit 7 segment .56" red LED
Operator interface	8 tactile pushbuttons
Channels	2
Options	
Relays	Up to 10, 250 V ac@3A, 32 V dc@3A
Profibus communications	
24 V dc power	
Floor stand for instrument mount	

