

**482-AG**

## Livestock Digital Weight Indicator

**Standard Features**

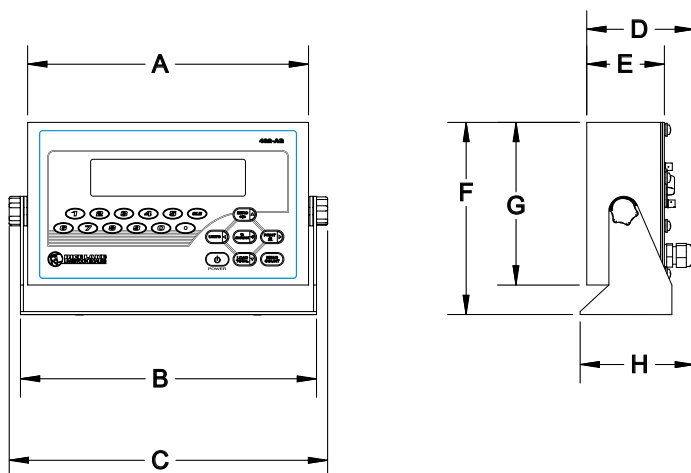
- LCD backlit display, 0.8 in (20 mm), six-digit, seven-segment
- Time and date, battery backed
- Local/remote operation
- Numeric keypad
- Keyed entries for setpoint values
- Two independent serial ports, RS-232 and 20 mA
- NEMA Type 4X/IP66 stainless steel washdown enclosure
- Programmable ticket formats for gross, net, accumulator and setpoints
- Adaptive filter or rolling average filter
- Includes Group Weighing Software
- Battery, rechargeable lithium ion  
Power for 40 hours of battery life on one 350 ohm load  
Power-saving modes for sleep and wake-up threshold
- 16 ft homerun cable installed

**APPROVALS**

Measurement  
Canada  
Approved

**Dimensions**

A	9.50 in (241 mm)	E	2.75 in (70 mm)
B	10.00 in (254 mm)	F	7.00 in (177 mm)
C	11.00 in (279 mm)	G	6.00 in (152 mm)
D	3.65 in (92 mm)	H	3.75 in (95 mm)

**Specifications****Power:**

Line voltages: 100-240VAC  
Frequency: 50-60 Hz  
DC voltages: n/a  
Power consumption: 8W

**Excitation Voltage:**

5VDC, 8 x 350Ω or 16 x 700Ω load cells

**Analog Signal Input Range:**

±7 mV/V

**Analog Signal Sensitivity:**

0.1 μV/graduation minimum,  
0.5 μV/graduation recommended

**A/D Sample Rate:**

5, 10, 20, 40 Hz, software selectable

**Resolution:**

Internal: 523,000 counts  
Display: 100,000 graduations

**System Linearity / PI Rating:**

Within 0.01% of full scale

**Digital I/O:**

RFI capacitor bypass and ESD suppressors

**Communication Ports:**

Com 1: RS-232 full duplex  
Com 2: RS-232 full duplex or 20 mA simplex, continuous  
Both ports 1200, 2400, 4800, 9600, 19200, 38400 baud seven or eight data bits, even, odd or no parity

**Display:**

LCD backlit display, 0.8 in (20 mm), six-digit, seven-segment  
Transmissive/Transflective

**Status Annunciators:**

Gross, net, center of zero, standstill, lb, kg, tare, preset tare

**Keys/Buttons:**

Flat membrane panel, embossed keys, tactile feel

**Temperature Range**

Certified: 14°F to 104°F (-10°C to 40°C)  
Operating: 14°F to 122°F (-10°C to 50°C)

**Weight:**

6.4 lb (2.9 kg)

**Rating/Material:**

Enclosure: NEMA Type 4X/IP66, heavy-gauge stainless steel

**Warranty:**

Two-year limited warranty

**EMC Immunity:**

EN 50082 Part 2 IEC EN 61000-4-2, 3, 4, 5, 6, 8, and 11

**Approvals:**

NTEP CC 12-123, Class III/III.L, 10 000d  
Measurement Canada AM-5892, Class III/IIIHD, 10,000d  
OIML R76/2006-NL1-12.48  
EU Test Certificate TC8322  
CE Marked  
UL/cUL Listed

Part Number/Price

Part #	Description	Est. Weight	Price
174071	482-AG LCD with internal battery	8 lb	Consult

Options/Accessories

Part #	Description	Est. Weight	Price
164650	Battery kit, rechargeable lithium ion	1 lb	Consult
Primary Replacement Components			
131316	Power supply, 85-265VAC	1 lb	Consult