



## DESCRIPTION

- Desktop ABS weight indicator (dimensions: 245x170x170 mm) Column mounting with optional indicator holder column or wall mounting with optional bracket (dimensions with support: 245x170x220 mm).
- 6-digit semi-alphanumeric red LED display (20 mm height).
- 6 signalling LED.
- 5-key waterproof keyboard.
- 6 V rechargeable internal battery, 4 Ah capacity.
- Power supply included.

## INPUTS/OUTPUTS AND COMMUNICATION

- RS232 serial port for communication via protocol ASCII Laumas or continuous one way transmission.
- DB9 connector for connection to load cell.



## MAIN FUNCTIONS

- Connections to:
  - PC/PLC via RS232;
  - remote display and printer via RS232.
- Weight totalizing.
- Piece counting.
- Average weight of heads of cattle.
- Net/Gross function for manual batching.
- Digital filter to reduce the effects of weight oscillation.
- Real calibration (with sample weights).
- Tare weight zero setting.
- Automatic zero setting at power-on.
- Gross weight zero tracking.
- Semi-automatic tare (net/gross weight) and preset tare.
- Semi-automatic zero.
- Gross/net weight and tare printing (date, time and customer logo/header with external printer).

### CE-M version: 2014/31/EU-EN45501:2015-OIML R76:2006

- System parameters management protected by qualified access via software (password), hardware or fieldbus.
- Weight subdivisions displaying (1/10 e).
- Operation mode: single interval.
- Net weight zero tracking.
- Calibration.
- The following values can be printed via keyboard: gross weight, net weight, tare, date and time.

## CERTIFICATIONS

- OIML R76:2006, III class, 3x10000 divisions 2  $\mu$ V/VS
- Equivalent of the CE marking for the United Kingdom

### CERTIFICATIONS ON REQUEST

- M** Conformity assessment (initial verification) in combination with Laumas weighing module (CE - UKCA)



### TECHNICAL FEATURES

Power supply and consumption	230 VAC $\pm$ 10%; 12 W
Number of load cells • Load cells supply	up to 4 (350 $\Omega$ ) 4/6 wires • 5 VDC/150 mA
Linearity	<0.01% full scale
Internal divisions	max 200000
Measurement range	-10 mV +15 mV
Display range	0-999999
Decimals • Display increments	0-3 • x1 x2 x5 x10 x20 x50
Readings per second	20/s
Minimum input signal	1 $\mu$ V
Serial ports	RS232
Baud rate	1200, 2400, 4800, 9600 (bit/s)
Humidity (condensate free)	85%
Storage temperature	-20 °C +50 °C
Working temperature	-10 °C +40 °C

### METROLOGICAL SPECIFICATIONS OF TYPE-APPROVED INSTRUMENTS

Applied standards	2014/31/UE - EN45501:2015 - OIML R76:2006
Operation mode	Single interval
Accuracy class	III
Maximum number of scale verification divisions	max 3000
Minimum impedance load cell	87 $\Omega$
Maximum impedance load cell	1215 $\Omega$
Input sensitivity	2 $\mu$ V
Initial zeroing device	$\leq$ 10% di max
Device for maintaining zero	$\leq$ 0.5 division/s. (total effect of maintaining zero + semi-automatic zero $\leq$ 4% Max)
Semi-automatic zeroing device	$\leq$ 2% di max
Subtractive tare device (semiautomatic tare)	T- $\leq$ max
Connecting cable with junction box	6-wire shielded cable without length limitations

### OPTIONS ON REQUEST

	DESCRIPTION	CODE
	Galvanized steel bracket for wall mounting. - Overall dimensions with bracket: 245x170x220 mm.	STAFFAWET
	Indicator stainless steel support column (Ø38 mm, h 700 mm) Painted steel bracket for platform/floor mounting.	COLONNAM + STAFFACN
	Indicator stainless steel support column (Ø38 mm, h 700 mm) Stainless steel bracket for platform/floor mounting.	COLONNAM + STAFFAIN