



DESCRIPTION

- IP67 AISI 304 stainless steel weight indicator; suitable for desk or wall or column mounting.
- Dimensions: 210x140x75 mm; with support: 245x140x260 mm. IP67 waterproof connectors.
- 6-digit semi-alphanumeric red LED display (20 mm height).
- 6 signalling LED.
- 5-key waterproof keyboard.
- Rechargeable internal battery, 6 V 4 Ah.

INPUTS/OUTPUTS AND COMMUNICATION

- RS232 serial port for communication via protocol ASCII Laumas or continuous one way transmission.
- Circular connectors 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).
- 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 μ 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 ( )


TECHNICAL FEATURES

Power supply and consumption	230 VAC \pm 10%; 12 W
Number of load cells • Load cells supply	up to 4 (350 Ω) 4/6 wires • 5 VDC/150 mA
Linearity	<0.01% full scale
Internal divisions	max 200000
Measurement range	-10 mV +15 mV
Display range	-2000 ÷ 999999
Decimals • Display increments	0-3 • x1 x2 x5 x10 x20 x50
Readings per second	20/s
Minimum input signal	1 μ 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 Ω
Maximum impedance load cell	1215 Ω
Input sensitivity	2 μ 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
	Stainless steel indicator-holder column (Ø38 mm, h 700 mm) Painted steel bracket for platform/floor mounting.	COLONNAM + STAFFACN
	Stainless steel indicator-holder column (Ø38 mm, h 700 mm) Stainless steel bracket for platform/floor mounting.	COLONNAM + STAFFAIN

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