



Product Description

The FT-11D Digital Weight Indicator is the digital version in the FT-Indicator family, specifically designed to be connected to RC3D load cells.

The instrument is approved by Weights & Measures Authorities for use in Accuracy Class III applications with up to 10 000 intervals according to OIML R76.

Large 6 digit LED weight display (red 20 mm) with weight status information.

Tactile 8-keys keyboard for basic scale functions.

With a variety of interface options the FT-11D is the perfect fit to digital weighing systems, i.e. weighbridges with indicator and PC.

Available Accessories

- Wall mounting kit and stand mounting kit for desk type housing
- Stand mounting kit for stainless steel housing

Key Features

- EU Type approved for 10 000 intervals
- Single or dual range
- RC3D connection
- Serial Interface RS232C
- Conversion rate max. 100/s
- Integrated power supply
- Easy installation due to automatic corner adjustment

Options

- Alibi Memory (up to 149 760 records)
- Second serial interface RS232C
- Third serial interface RS-485 and Modbus RTU
- Isolated digital inputs & outputs

Specifications

ACCURACY

Accuracy Class	III
EU Type approved	10 000 intervals (single range) or 2 X 6000 intervals (dual range)

DISPLAY AND KEYBOARD

Display	6 digits, 7 segments, LED red, 20 mm high
Update rate	250 ms
Status annunciators	Gross, net, motion, zero, weighing range, information, power, unit
Keyboard	8-key membrane, with tactile feedback
On / off switch	Yes
Key lock	Basic weighing related key can be locked against unauthorized access

SCALE CALIBRATION AND FUNCTIONS

Calibration	Calibration is performed by application weights
Corner adjustment	Automatic corner adjustment
Digital filter	5 step adjustable digital adaptive filter
Weighing functions	Tare, zero, auto zero tracking, motion detector, power on zero
Other functions	Label number, total, gross, tare indication
Set points	3 set points, programmable (I/O board is an option)
Alibi Memory	optionally available; 74 880 records or 149 760 records

DIGITAL LOAD CELL INTERFACE

Communication & protocol	RS485 half-duplex, compatible with RC3D load cell
Excitation	12 V DC, max. 450 mA
Number of digital load cells	Up to 10 digital load cells (internal power) or 16 digital load cells (external power) in parallel
Connection	4 wire technique. 2 wires for digital interface and 2 wires for power supply

COMMUNICATION

Serial interface	RS232C, 1 200...57 600 baud, programmable
Continuous mode update rate	100 ms
Option board update rate	40 ms

ENVIRONMENT AND ENCLOSURE

Operation temperature & humidity	-10 °C to +40 °C legal for trade; 85% RH max, non-condensing.
Enclosure	Aluminium cast desk type (IP30), or stainless steel housing (IP65)
Dimensions	see data sheet E159

	Desk type	Stainless steel
POWER SUPPLY		
230 V AC, 50/60 Hz, max. 12 VA	•	•
OPTION FOR ADDITIONAL INPUTS / OUTPUTS (maximum is one option per instrument)		
2 nd Serial interface (RS232)	-	0
2 nd Serial interface (RS232) and 3 rd Serial interface (RS232 / RS485 / Modbus RTU)	-	0
3x isolated digital inputs (24 V) and 3x isolated digital outputs (open collector)	-	0
ADDITIONAL MECHANICAL HARDWARE		
Wall mount kit	0	•
Stand mount kit	0	0

• standard delivery extent

0 optionally available

- not available