

Indicator IDé 150/250



IDé 250



IDé 150

Characteristics

Compatible with analog load cell strain gauge, optimized for digital load cell ARPEGE MASTER K.

Excellent accuracy:

- 6 000 scale divisions according to EN 45 501
- 24 bits analog-digital converter, 16 million points
- High measuring speed: 40 to 990 measurements per second.

User friendly operator interface:

- LCD Graphic Display 320 x 240 pixels - (78 x 60 mm)
- 6-digit weight display, H= 14mm
- Two keyboard layouts:
 - * IDé 150 => Keyboard 9 keys
 - * IDé 250 => Keyboard 20 keys alphanumeric and dedicated function keys

4 Mo Memory capacity (100 000 data)

PC keyboard (optional *)

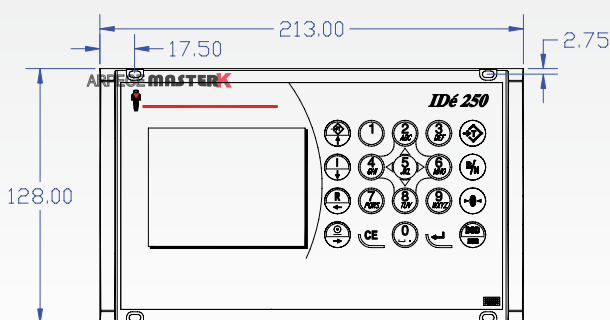


Communication ports:

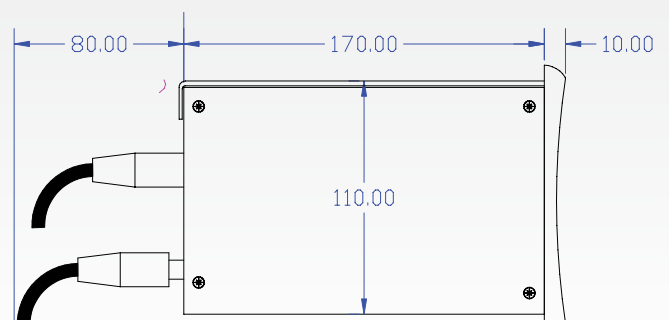
- 2 serial ports
- 1 parallel (LPT) port
- 1 analog input (analog load cells)
- 1 input for digital load cells and numerical Arpège Master K devices
- 1 input PC keyboard (mini din)
- 1 slave USB port (depending on software)

The IDé 150/250 is available in stainless steel IP65 (some options are not available with this housing)

Schema/Size



Front panel IDé 250



All dimensions in mm

Specifications

GENERAL

Power supply	230 VAc (-15/ +10%)
Power supply (option)	12 Vdc (- 10%/ +10 %) or 24 Vdc (-45%/ +10 %)
Consumption	15 to 25 VA
EMC	According to EN 45 501 + OIML D11
Power supply for analog load cell	7,5 V square wave signal
Minimum load cell resistance	45 Ω / 8 load cells (350 Ω) in parallel
Operating temperature range	-10 ° / + 40 ° C
Storage temperature range	-20 ° / +60 ° C
Clock accuracy	$\pm$ 1 mn per month
Capacity of DSD (Data Storage device)	check software documentation
Weight of indicator (kg)	2,8
Packing (cm)	30,8 x 28,2 x 16,4
Gross weight (kg)	3,6

LEGAL-FOR-TRADE METROLOGICAL CHARACTERISTICS (According to EN 45 501)

Maximum precision of weighing	6 000 scale divisions/ Class III
Internal resolution	1/10th scale divisions (60 000 tenths max.)
Minimum division input voltage	0,75 μ V
Measurement rate	40 to 990 measurements per second

METROLOGICAL CHARACTERISTICS FOR INTERNAL USE (Free mode)

Maximum accuracy	50 000 scale divisions
Internal resolution	1/10th scale divisions (500 000 tenths max.)

Benefits

- A large library of software is available to equip this indicator (see software documentations)
- Many optional boards
- Several communication ports
- Built in industrial enclosure 19 inches, 3 U high (3U standard indicator - TC 42)

Options

Optional Input / Output *

- 4I/4O
- 4I/4O + 0/10V
- 4I/4O + 4/20 mA
- 8E/8S
- 8E/24S
- 16E/24S
- Memory card extension (USB drive)
- Fieldbus communication dedicated (PROFIBUS - DP ®, Device net ®, Ethernet)

Optional communication boards *

- Active Current loop (CL)
- Serial RS232
- Serial RS485 (2 or 4 wires)
- Ethernet Xport Modbus ® TCP
- Analog output 0-10V
- Analog output 4-20 mA
- Digital Bus MASTER CAN

* Be careful: Option board depends on software (see documentation)

Optional devices



Panel frontal frame



Housing



Rack mount 3U



19 pouces housing



Wall mount for Stainless steel housing

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