

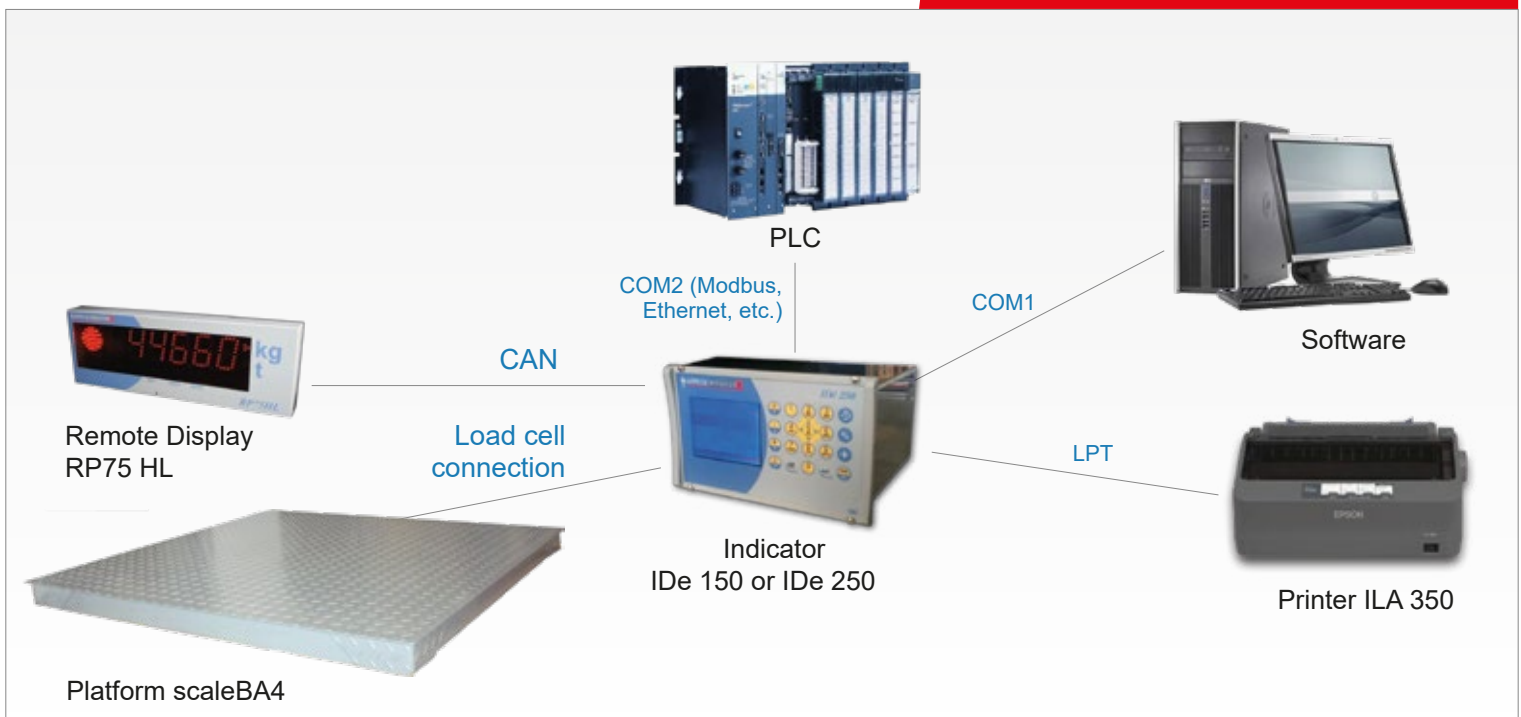
IDe 150/250 Industry software



Description

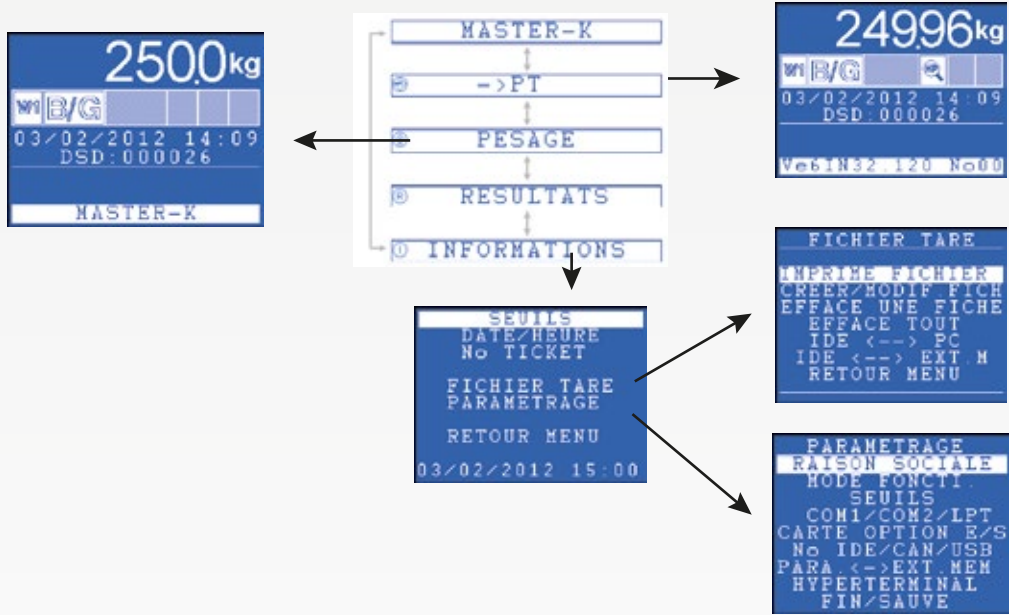
The Industry Software for IDe 150/250 weighing indicators is dedicated to weighing applications in industrial processes. Its approved Data Storage Device (DSD: alibi memory) meets the requirements for legal-for-trade applications. It can monitor a relay board to manage alarms fully autonomously (tank overflow for example). Many communication options are available (Fieldbus, analogue output, etc.) for real-time automatic weighing control (PC / PLC).

Example of configuration



Software

- Simple-access menu (scrolling menu)



- Limited access to secured menu by key code (two levels of limitation)
- Batch weighing function (one ticket per weighing operation with total at the end of batch), or simple weighing (one ticket per weighing operation).
- 4 thresholds, according to 4 modes (communication protocol, gross weight, net weight, tare weight, input acknowledged)

Input-dedicated functions:

- I1 => Print
- I2 => Reset
- I3 => Tare delete
- I4 => Taring (semi-automatic tare)

Additional output functions:

- Relay output logic (NC/NO)
- Configurable output type (pulse, or level)
- Hysteresis value and activation logic



- 2 filtering modes of the weighing measurement: self-adapting filtering or continuous filtering

Management

Tare file

Capacity: 9

Data: Tare sheet number (1 digit)
Weighing tare value (5 digits)

DSD file

Capacity: 100,000

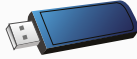
Data: Indicator station number (2 digits)
DSD Number (6 digits)
Weighing date (10 characters, DD/MM/YY)
Weighing time (8 characters, HH:MM:SS)
Gross weight of weighing operation (5 digits)
Tare weight of weighing operation (5 digits)
Net weight of weighing operation (5 digits)



- Setting of analogue outputs (option boards) by keyboard

```
OPT. ANAL. (COM2)
REGLAGE
VALEUR MINI.
01650
⊕/2=Augmenter
⊖/8=Diminuer
⊖/6=Arreter
⊕/5=Val. REGLAGE
```

- Transfer and save data to and from a USB flash drive or PC



```
PARA <->EXT.MEM
IDe-->EXT.MEM
EXT.MEM-->IDe
RETOUR MENU
```

```
FICHER TARE
COM1: 9600/8/N/1
TRANSH. VERS PC
RECEPT. DU PC
RETOUR MENU
```

Connection and peripherals

Peripheral interfaces (options). One board from:

- 4I/4O option board
- Fieldbus board (PROFIBUS-DP, Device net, Ethernet Modbus TCP) HMS

Communication port:

- 1 LPT for printer
- 1 COM1 RS232 or RS485 2-wire
- 1 COM2 passive current loop (CL)
 - or optionally, one of the following boards:*
 - Active current loop (CL)
 - Serial RS232
 - Serial RS485 (2-wire or 4-wire)
 - Ethernet Xport Modbus TCP board
 - Analog output 0-10V
 - Analog output 4-20 mA
- 1 Digital Bus CAN (Arpege Master K only)
- USB for PC link

Peripheral communication protocol:

- **COM 1/COM 2:**
 - Arpege MASTER K weight remote display
 - JBUS/MODBUS protocol
 - COMIDM protocol
 - ERIC protocol
 - AQP protocol
 - PT6S3 protocol
 - MODEM protocol
 - Transmission at the end of the weighing (ACK/NACK protocol)
- **COM1/COM2/LPT:**
 - 40-column printer without management of paper length
 - 40-column printer with management of paper length
 - Log Printer (80 columns mandatory)
 - Other printer possible with configurable ticket
- **COM 2:**
 - MODBUS TCP protocol (with ETHERNET XPORT option board)
 - Gross weight output (with analogue option board)
 - Net weight output (with analogue option board)
 - Net weight output as absolute value (with analogue option board)
- **USB Modem Protocol (TransFic) and ActiveX**

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