ARPEGE MASTER K
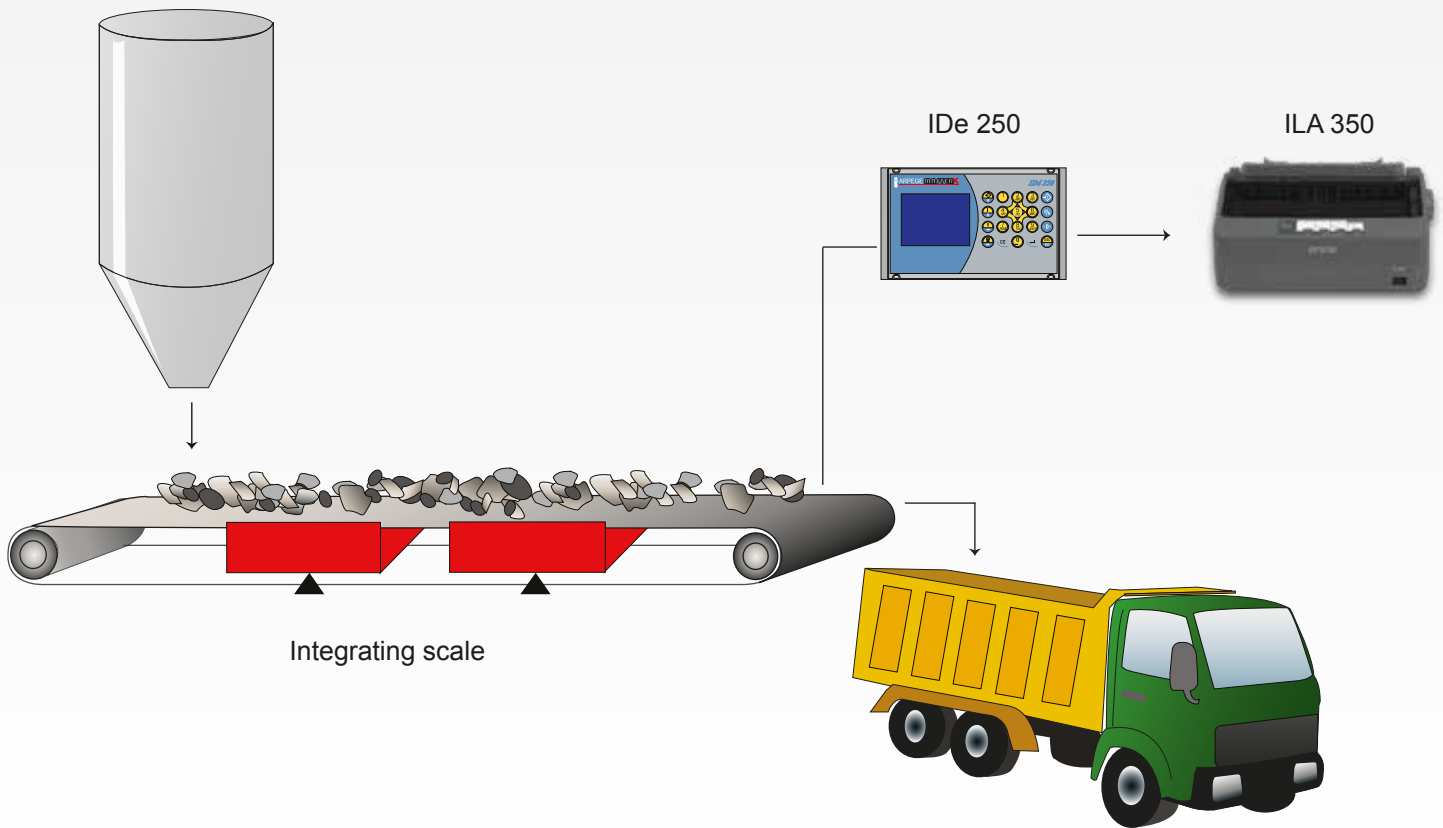
IDe 250 Continuous totaliser software

Description

The IDe 250 weighing indicator with the Continuous Totaliser software (Belt Weigher) has been designed for continuous weighing of a bulk product on a conveyor belt.

Example of configuration

IDe 250

ILA 350

Integrating scale

Features

- ➤ Its 320 x 240 pixel LCD graphic display is user-friendly and interactive.
- ➤ Data Storage Device file 14,300 data items
- ➤ Partial and/or total weight and flow rate (two totalling levels).
- ➤ Manual belt taring mode
- ➤ The connection with a PLC or computer allows the system to be controlled by an external computer system (JBUS/MODBUS RTU protocol via serial link or TCP-encapsulated MODBUS protocol via Ethernet)
- ➤ Remote display for the weight available for several modes (partial aggregate, overall flow rate, load remainder, etc.)

Operating mode:

➤ Bulk product reception:

The cycle is carried out with a general indeterminate setpoint. The cycle is ended by a manual action (Stop).

➤ Bulk product shipment:

The cycle runs until the required quantity.

No cycle in progress

Selection of product and quantity of product required

Cycle in progress

Change during the cycle of the quantity required

Two files available:

➤ Product/Setpoints file:

This file is entered by an operator.

Name: 16 characters maximum, default name: "PRODUCT"

Size: 350 records

Structure: - 4-digit call code
- Maximum 16-character name
- 6-digit length of the belt between the feed and the first weighing roller
- 4-digit belt stopping time out
- 6-digit dynamic correction coefficient.

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➤ Data Storage Device file:

This file is managed automatically by the software (FIFO, "First In First Out" or rotating buffer). The operation of and data contained in this file are subject to the regulations on discontinuous totaliser weighing instruments. (The data in this file may never be deleted by a user or by a system connected to a communication port of the indicator).

Size: 14,300 records

Structure: - 6-digit DSD number
- 6-digit start date in format DD/MM/YY (Day/Month/Year)
- 6-digit start time in format HH/MM/SS (Hour/Minute/Second)
- 9-digit quantity requested
- 8-digit batch number
- 4-digit "PRODUCT" file code
- 16-character customer name
- 2-digit status code
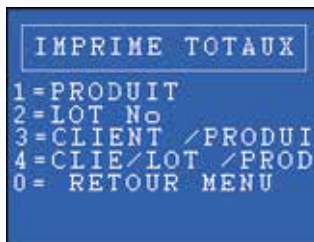- 3-digit number of faults
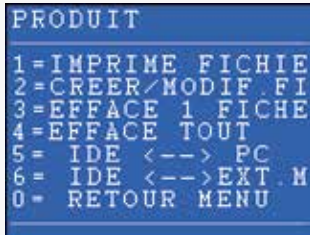
Le 20/12/2010 11:29:30

CODE	PRODUIT	L.Alim-Basc	TpsArr	KProd
0001	BLE TENDRE	12.000 m	10 s	1.00000
0002	AVOINE	12.000 m	10 s	1.00000
0003	SEIGLE	12.000 m	10 s	1.00000

Belt taring mode

Daily and monthly totals

e.g. end of loading ticket

Operating hours of totaliser by product consumed

e.g. totals per product

Le 20/12/2010 14:38:09 IMPRESSION TOTAUX du 01/12/2010 au 20/12/2010

CODE	PRODUIT	TOTAL
0001	BLE TENDRE	1.35 t
0002	AVOINE	1.15 t
0003	SEIGLE	1.36 t

e.g. totals of products by batch and by customer

Configuration and digital setting of the analogue output (0/10 V or 4/20 mA)

The analogue output can relay any of the following as desired:
- Weight on analogue output
- Instantaneous flow rate on analogue output
- Overall flow rate on analogue output
- Partial flow rate on analogue output
- Overall sum on analogue output
- Partial sum on analogue output
- Speed on analogue output

This output is set using the keyboard.

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OPT. ANAL.(COM2)

     REGLAGE
  VALEUR MAXI.
     63395

2= Augmenter
8= Diminuer
0= Arreter
5= ValideREGLAGE
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Connection and peripherals

Peripheral interfaces (options). One board from:

- 4I/4O
- 8I/8O (preferable)
- Fieldbus board (PROFIBUS-DP®, Device net®)

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
    - Analogue output 0-10V
    - Analogue output 4-20 mA
- 1 Digital Bus CAN (Arpege Master K only)
- USB not used

Peripheral device management:

- Printer
- Remote display
- PC/PLC with MODBUS/JBUS connection or, optionally, with fieldbus and/or optionally Ethernet ModbusTCP with Ethernet Xport board.
- USB flash drive (option)
- "Dromometer" (Belt speed take-off)

Download, transfer of settings, dosing data to and from a PC, USB flash drive

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FILE

   DATA

PRODUIT

1= IDe-->EXT.MEM
2= EXT.MEM-->IDe
0= RETOUR MENU
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Our product factsheets
are available for download
at our website
www.masterk.com

Your contact information