

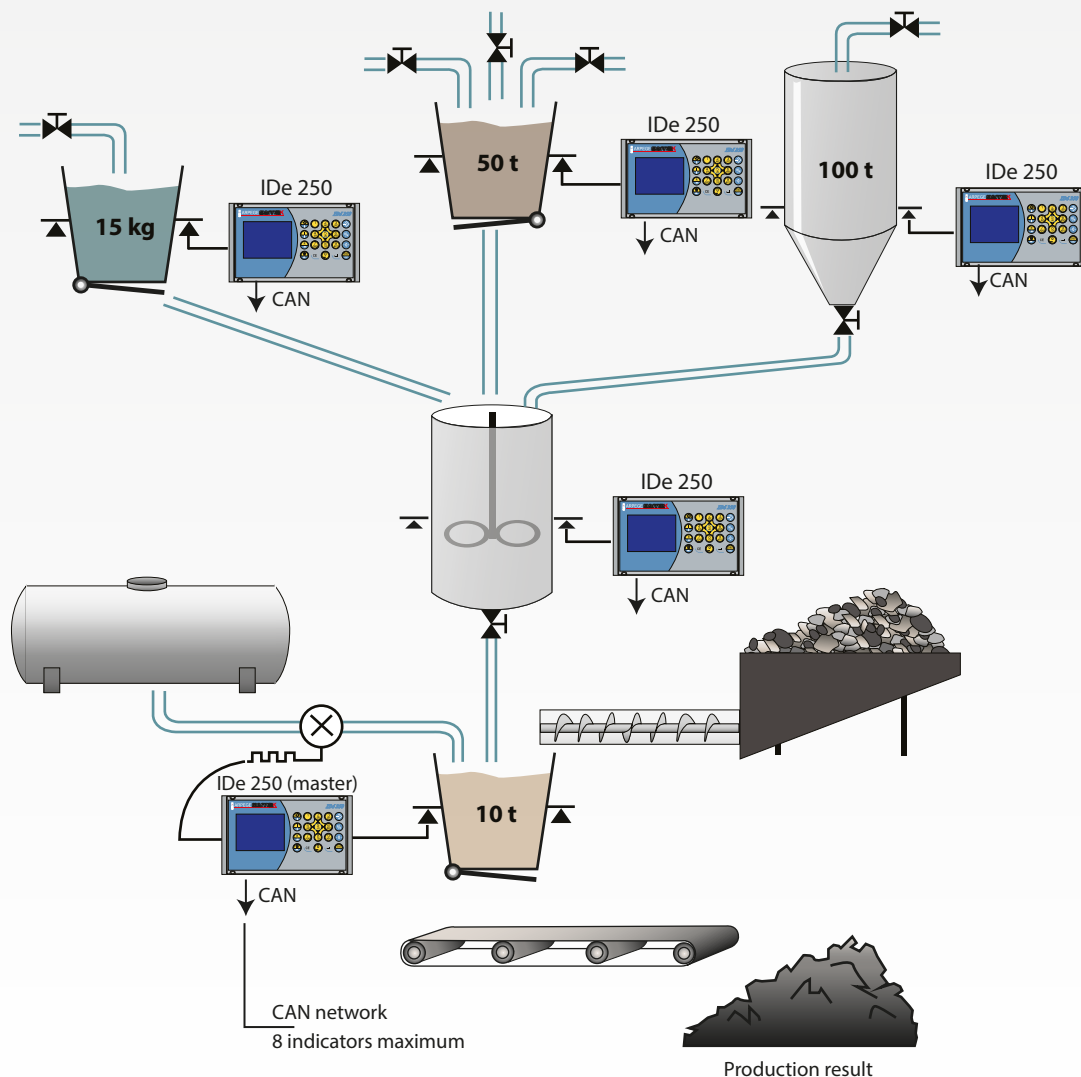
IDe 250 Multiproduct dosing software



Description

The IDe 250 weighing indicator with the "Multiproduct Dosing" software meets requirements of weighing/dosing applications. This self-sufficient software is able to manage a full dosing cycle. Several indicators may be interconnected in order to produce a complex dosing formula.

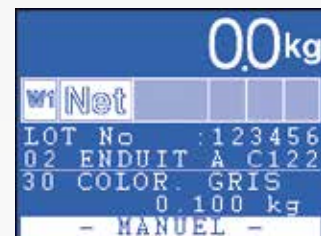
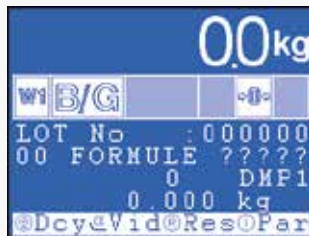
Example of configuration



Features

- ▶ Dosing cycle (A/M/T/I/B) automatic, manual, actual, theoretical, pulsed (pumps), transfer of a product to another weighing machine.
- ▶ Stock management by product
- ▶ Stirring (duration adjustable), emptying, suspension of the cycle configurable for each product of the formula
- ▶ Management of power outages (stop, manual or automatic cycle restart when the power is restored)
- ▶ Automatic correction of feed error (final flow of the product).
- ▶ Several Many digital filters available
- ▶ Dosing time delay configurable
- ▶ Emptying flow rate control in kg/min
- ▶ Storage memory for Data Storage Device: Last 90,000 weighing operations.
- ▶ Printing the results for each product, end of cycle or of all cycles.
- ▶ Four header rows and two end of ticket rows programmable
- ▶ Configurable tickets

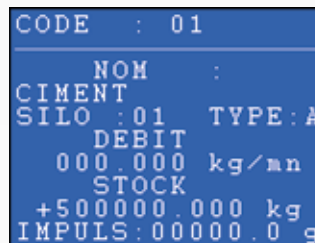
Extremely user-friendly: example of display for dosing cycle



Product file

99 products maximum (code from 1 to 99)

- Product name (15 characters)
- Silo number (2 digits)
- Dosing type (1 character: A/M/T/I/B)
- Flow rate in kg/min (6 digits)
- Value of a pulse in g (6 digits)

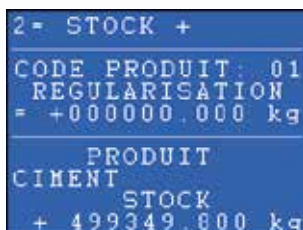


Product list



FICHER PRODUITS			
26/08/2011		14:41:25	
CODE PRODUIT	:S1:T:	kg/mn	:Impu. g:
01 CIMENT	:01:A:	0.000:	0.0:
02 SABLE 0,2 mm2	:05:A:	0.000:	0.0:
03 SABLE 0,5 mm2	:06:A:	0.000:	0.0:
04 CHAUX	:02:A:	0.000:	0.0:
10 EAU	:03:T:	0.000:	10.0:
20 ADJ. ANTIGEL	:00:T:	0.000:	0.0:
21 ADJ. HYDROFUGE	:00:T:	0.000:	0.0:
22 ADJ. PLASTIFIANT	:00:T:	0.000:	0.0:
23 ADJ. DURCISSEUR	:00:T:	0.000:	0.0:
30 COLOR. GRIS	:00:T:	0.000:	0.0:
31 COLOR. BLEU	:00:T:	0.000:	0.0:
32 COLOR. ROUGE	:00:T:	0.000:	0.0:
33 COLOR. JAUNE	:00:T:	0.000:	0.0:

Stock management



30/08/2011		09:43:44	
: CODE PRODUIT	:	STOCK	:
: 01 CIMENT	:	+ 499349.800 kg	:
: 02 SABLE 0,2 mm2	:	+ 498049.800 kg	:
: 03 SABLE 0,5 mm2	:	+ 510000.000 kg	:
: 04 CHAUX	:	+ 500000.000 kg	:
: 10 EAU	:	+ 499675.000 kg	:
: 20 ADJ. ANTIGEL	:	+ 5000.000 kg	:
: 21 ADJ. HYDROFUGE	:	+ 5000.000 kg	:
: 22 ADJ. PLASTIFIANT	:	+ 5000.000 kg	:
: 23 ADJ. DURCISSEUR	:	+ 5000.000 kg	:
: 30 COLOR. GRIS	:	+ 4999.200 kg	:
: 31 COLOR. BLEU	:	+ 4999.200 kg	:
: 32 COLOR. ROUGE	:	+ 5000.000 kg	:
: 33 COLOR. JAUNE	:	+ 5000.000 kg	:

Formula file

99 formula maximum (code from 1 to 99) from 1 to 30 products maximum for each formula.

- Formula name(15 characters)
- Data for rank 1 product (1st formula step) (7 data items)
 - Product code (2 digits)
 - Dosing setpoint (8 digits)
 - Low speed (8 digits)
 - Feed error (8 digits)
 - Tolerance (%) (4 digits)
 - Order code (4 digits)
 - Weighing machine number (1 digit)
- Data for the rank 2 product (7 data items, identical to the rank 1 product)
- (etc.)
- Data for the rank 30 product (7 data items, identical to the rank 1 product)

```

01 ENDUIT A
Rang 01
CODE PRODUIT: 01
CIMENT
CON: 00050.000 kg
PV: 00005.000 kg
EDJ: 00000.060 kg
TOI: 01.00 %
CDE: 0000
BASCULE No: 1
    
```

Totalling by formula

```

1= TICKET DOSAGE
2= STOCK +
3= STOCK -
4= IMP STOCK PROD
5= IMP TOTAUX PRO
6= IMP TOTAUX FOR
0= RETOUR MENU
    
```

```

ARPEGE MASTER-K
16 GRANDE RUE PRESS MONTLOUPPEL
50040 CHARENTON LEVEZE
No: 1 00002 01/03/2011 10:42:08
Lot No: 123456
01 ENDUIT A
01 CIMENT : 800.100 kg
02 SABLE 0,2 mm2 : 750.100 kg
03 SABLE 0,5 mm2 : 125.800 kg
TOTAL: 1625.900 kg
    
```

```

30/08/2011 09:59:40
01 ENDUIT A
01 CIMENT : T1= 750.100 kg :
: T2= 250.100 kg :
02 SABLE 0,2 mm2 : T1= 750.100 kg :
: T2= 750.100 kg :
10 EAU : T1= 125.800 kg :
: T2= 125.800 kg :
CI= 1625.900 kg CP= 1625.900 kg
30/08/2011 09:59:40
02 ENDUIT A C12272
01 CIMENT : T1= 800.100 kg :
: T2= 400.100 kg :
02 SABLE 0,2 mm2 : T1= 1200.100 kg :
: T2= 1200.100 kg :
10 EAU : T1= 200.000 kg :
: T2= 200.000 kg :
30 COLOR. GRIS : T1= 0.800 kg :
: T2= 0.800 kg :
31 COLOR. BLEU : T1= 0.800 kg :
: T2= 0.800 kg :
32 COLOR. ROUGE : T1= 0.800 kg :
: T2= 0.800 kg :
CI= 1801.600 kg CP= 1801.600 kg
    
```

Daily and monthly totals by product consumed

```

1= TICKET DOSAGE
2= STOCK +
3= STOCK -
4= IMP STOCK PROD
5= IMP TOTAUX PRO
6= IMP TOTAUX FOR
0= RETOUR MENU
    
```

```

30/08/2011 09:43:44
: CODE PRODUIT : STOCK :
: 01 CIMENT : + 499349.800 kg :
: 02 SABLE 0,2 mm2 : + 498049.800 kg :
: 03 SABLE 0,5 mm2 : + 510000.000 kg :
: 04 CHAUX : + 500000.000 kg :
: 10 EAU : + 499675.000 kg :
: 20 ADJ. ANTIGEL : + 5000.000 kg :
: 21 ADJ. HYDROFUGE : + 5000.000 kg :
: 22 ADJ. PLASTIFIANT : + 5000.000 kg :
: 23 ADJ. DURCISSEUR : + 5000.000 kg :
: 30 COLOR. GRIS : + 4999.200 kg :
: 31 COLOR. BLEU : + 4999.200 kg :
: 32 COLOR. ROUGE : + 5000.000 kg :
: 33 COLOR. JAUNE : + 5000.000 kg :
    
```

Printouts

Printout of dosing results in real time.

The dosing results which may be printed are:

- One ticket for each formula dosing according to different templates
- One results ticket for the last formula dosed
- Condition of stock produced
- Totals by formula manufactured

01/09/2011 09:09:38		FORMULE : 01 ENDUIT A		QUANTITE A FAIRE: 000002		LOT No : 123456	
001809	01/09/11 09:09:42	01 CIMENT	01/1	50.000kg	50.000kg	A	
001810	01/09/11 09:09:52	02 SABLE 0,2 mm2	02/1	150.000kg	150.000kg	A	
001811	01/09/11 09:10:00	10 EAU	03/1	25.000kg	25.000kg	I	
001812	01/09/11 09:10:13	01 CIMENT	01/1	50.000kg	50.000kg	A	
001813	01/09/11 09:10:23	02 SABLE 0,2 mm2	02/1	150.000kg	150.000kg	A	
001814	01/09/11 09:10:31	10 EAU	03/1	25.000kg	25.000kg	I	
01/09/2011 09:10:39		FORMULE : 01 ENDUIT A		TOTAL: 000002		NET: 450.000 kg	

Peripheral interfaces (options). One board from:

- 8I/24O
- 16I/24O
- 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
 - Analogue output 0-10V
 - Analogue output 4-20 mA
- 1 Digital Bus CAN (Arpege Master K only)
- USB not used

Peripheral device management:

- Printer
- Weight repeater
- PC/PLC with MODBUS/JBUS connection or, optionally, with field bus
- PC with RS 232 or modem link
- USB flash drive (option)

Digital setting of the analog output (0/10 V or 4/20 mA)

```
OPT. ANAL. (COM2)
REGLAGE
VALEUR MAXI.
63395
2= Augmenter
8= Diminuer
0= Arrêter
5= ValiderREGLAGE
```

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



```
8= PAR<->EXT.MEM
1= IDe-->EXT.MEM
2= EXT.MEM-->IDe
0= RETOUR MENU
Votre choix ?
```

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