

# The Masters of Industrial Weighing



Analog Weight Indicator

**HARMONY 300**

Single Product Batching



**The indicator "HARMONY 300", equipped with the software «Single product batching » and a 4-input/6-output card. It is intended for weight control applications of automatic bag filling / tanks / big-bag**

- > CE Certified - 5000 scale division, class III
- > Supply voltage: 12VDC with 6 load cells of 350 ohms or 12 load cells of 650 ohms
- > Sensitivity: 1µV under 5 volts AC
- > Number of measurements per second: 40 to 90
- > Power supply: 12 volts DC by separated adaptor

## Software description:

- Reference zone n°1: 6 digits (exe: n° of batch)
- Reference zone n°2: 2 digits (product code)
- Product File: 99 products records max
- Call numbers: 2 digits (reference 2)
- Product Name: 15 characters
- Set value of dosage (6 digits)
- Set value of low speed (6 digits)
- Set value of the feed error (6 digits)
- Negative tolerance (6 digits)
- Positive tolerance (6 digits)

- Batching can be set at 2 speed
- Tolerance control
- Automatic correction of error feed
- Control of the flow debit at the time of dosing and tapping off
- Totalizing by reference 1, reference 2 and make a across count of reference 1 and reference 2

## Interface description:

- An interface (M1) for the connection of the analog load cells
- An interface (COM 1) RS232 port for the connection of the serial printer or computer (with the "hyper-terminal" software)
- An interface (COM 2) RS485 port for the connection of a remote display
- An interface (LPT) for the connection of a printer
- An interface (4I/6O) → 2 types cards available:

1 card 12/24v DC (inputs and outputs)

Or

1 card 48 to 250v AC (outputs) et 12/24v DC (inputs)

- E1 → Start / Resume the cycle
- E2 → Pause / Cancel the cycle
- E3 → Dosing authorization
- E4 → Emptying authorization

- S1 → High speed dosing
- S2 → Low speed dosing
- S3 → Faulting contact (out of tolerance) / debit
- S4 → Emptying
- S5 → In process of dosing

End of dosing  
Low threshold  
High threshold

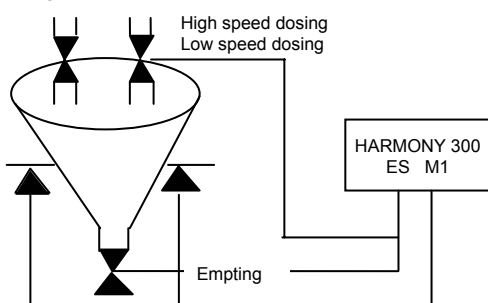
- S6 → In process of dosing

End of dosing  
Low threshold  
High threshold

} Choice with setting

## Example of different batching method:

Filling Mode:



Tapping-off Mode:

