

## **Dosing controllers type FLEX now for mobile applications.**

In the meantime the FLEX series of instruments consists of three models, namely:

1. the standard FLEX with active sense and a variable number of inputs and outputs.
2. the FLEX-2100, with a passive sense and a fixed number of inputs and outputs.
3. the FLEX 2 and 4 Channel, suitable for 2 or 4 weighers, each with a passive sense and a variable number of inputs and outputs.

In many applications the power is supplied by 12 or 24 V dc battery and not a main power supply. You will find examples in road traffic, internal transport, shipping, the offshore industry, hoists and transportable equipment. The fact that these applications are not connected to a main power supply does not mean that there is no need for weighing. For this reason, existing FLEX range is expanded to include a version which can accommodate voltages of between 9 and 24 V dc.

The well-known characteristics of a FLEXible controller such as its high measuring and control speed, a “touch panel” operator terminal with several communication entries, as well as inputs and outputs, remains unchanged. Furthermore software versions, such as the choice of destructive and non-destructive material investigation, weight control, grading, dosing, filling, continuous and discontinuous belt weighing, mass flow control, bunker weighing and so on, are available.

In summary, the specifications are:

- operation by means of a TFT touch panel, multi-colour, high resolution and, depending of the application, the choice of several screen lay outs.
- a fast measuring instrument, 2000 conversion/s.
- several digital outputs, under which Ethernet and Profibus DP.
- an enclosure for panel mounting with a watertight front (IP65)
- alternatively, a watertight stainless steel enclosure.
- 10.000 d in accordance with the NAWI and MID directive.

If your weigher is destined for “far away” places, the only thing you need to do is to enter the destination address information and the instrument will recalculate the calibration to the related gravity of the destination.