

## The Masters of Industrial Weighing

# Weight indicator

**MAGIC**

CE



Optional wall or  
desk mounting

### MAGIC 01

High accuracy single scale weigh controller, this version is designed with a single RS232 data link and can be fitted with the following options.

- > 1 analog output 0-10 V – galvanic isolation – 14 bits converter or 4-20 mA.
- > 1 fieldbus coupler Profibus DP or Ethernet.
- > 1 serial data link : either RS232 or RS485 or current loop.

#### Main applications :

- > Bench scales and platform scales for basic weighing (with printer or computer).
- > Hoppers and silos.
- > Mobile concrete plants (with 1-10 V analog output option).
- > Embedded weighing on trucks or handling instruments (forklifts, crane scales, ...).

### MAGIC 02

High accuracy programmable batching controller, this standard version features a RS232 data link, 4 input and 4 output relays (48 V – 1 A) and can be fitted optionally with an extra asynchronous serial link (RS232 or RS485 or current loop).

#### Main applications :

- > Mono-product batching with 1 front panel calibration set point.
- > 3 products batching + discharge.
- > Threshold control (overload and level relays). Remote control : gross / net / taring / printout and report feed back by switch in order to have control over lights (embedded weighing).

## CHARACTERISTICS

6 Digits easy to read display with minus sign (14 mm high red LED).

LED 6 digits : zero / net / threshold 1 / threshold 2 / threshold 3 / Kilo (kg) or Pound (Lb) symbols.

6 keys functions : zero – gross / net – Tare – printout – configuration – control.

Accuracy : 5000 scale divisions according to European Standard NF EN 45 501 / OIML R76 NTEP HANDBOOK 44 in progress.

Rate speed : programmable from 10 to 80 measurements / second – advanced filtering programmable software.

Connection to 1 to 6 strain gauge analog load cells of 350 or Master K digital load cells.

Sensitivity of 1mV for 5 V load cell supply. 70 % dead load compensation for 3000 divisions.

Front panel calibration.

Zero – tare – time and date lithium battery back up.

Power supply from DC 9 V to 26 V. Alternative 240 V or 110 V with external adapter. Approximate consumption : 8 VA.

Design packaging complying with EC : 2 U 36 TE. 40 mm cut depth. Optional wall or desk settings.

Electrical connection strip terminal for rigid or flexible electric wire from 0,14 to 1 mm<sup>2</sup>.

## Rear view (dimensions in mm)

