



## Dosing Processor DPC 3000

Weighing and dosing processor for gravimetric weighers

### INPUTS / OUTPUTS:

- 12 inputs (24V +/- 30%) isolated
- 6 outputs (48V/ 1A / 15VA)  
isolated contacts

### OPERATING ELEMENT:

Membrane keyboard,  
alphanumeric LCD display  
and indicator lights

### INTERFACE:

RS 232 simplex  
1200 BAUD, 7 bit ASCII, even,  
1 start bit, 1 stop bit

### VOLTAGE:

230V, 50CPS / max 3A

### OPTIONS:

- External operator panel
- Control box IP55
- Interfaces RS 232 (duplex), RS 422,  
RS 485, TTY 20
- Voltage 110V / 60CPS
- Overweight alarm
- Instruction of weight tolerances
- Other weighing units than gram
- Master-slave control
- Accumulation circuit, i.e. the total  
weight will be divided in batches
- Customers specific programming

### DESIGNS:

- 19" table control device 84 TE:  
- 450 mm x 140 mm x 440 mm  
- Weight: approx. 10kg
- 19" plug-in control device 84 TE:  
- 450 mm x 140 mm x 440 mm  
- Weight: approx. 9kg
- Table control device 63 TE:  
- 340 mm x 140 mm x 440 mm  
- Weight: approx. 8kg

In accordance with the conventional standards for industrial products the controller implements the valid VDE and CE directives. The kind of protection corresponds with IP20 according to DIN 40050.



The DPC 3000 is a multifunctional dosing processor for all Engelhardt dosing systems. It is fitted with a bus system which places emphasis on its modular construction. Modules for the control of several vibrators, vibration belts and screw motors are at your disposal as well as programmable inputs and outputs for peripheral devices such as collecting or conveying systems and nesting units (coordination tables, turntables).

The parameters will be put in comfortably by a membrane keyboard - protected against power breakdown - and can be read or written by external computers. It is possible to connect several controllers e.g. to set up a master-slave guidance. The DPC 3000 is capable of solving each dosing problem whereby customers specific solutions will be developed by our software specialists.

Different housing designs are at your disposal as well as an external operator panel. It is also practicable to integrate this panel into a central control field.