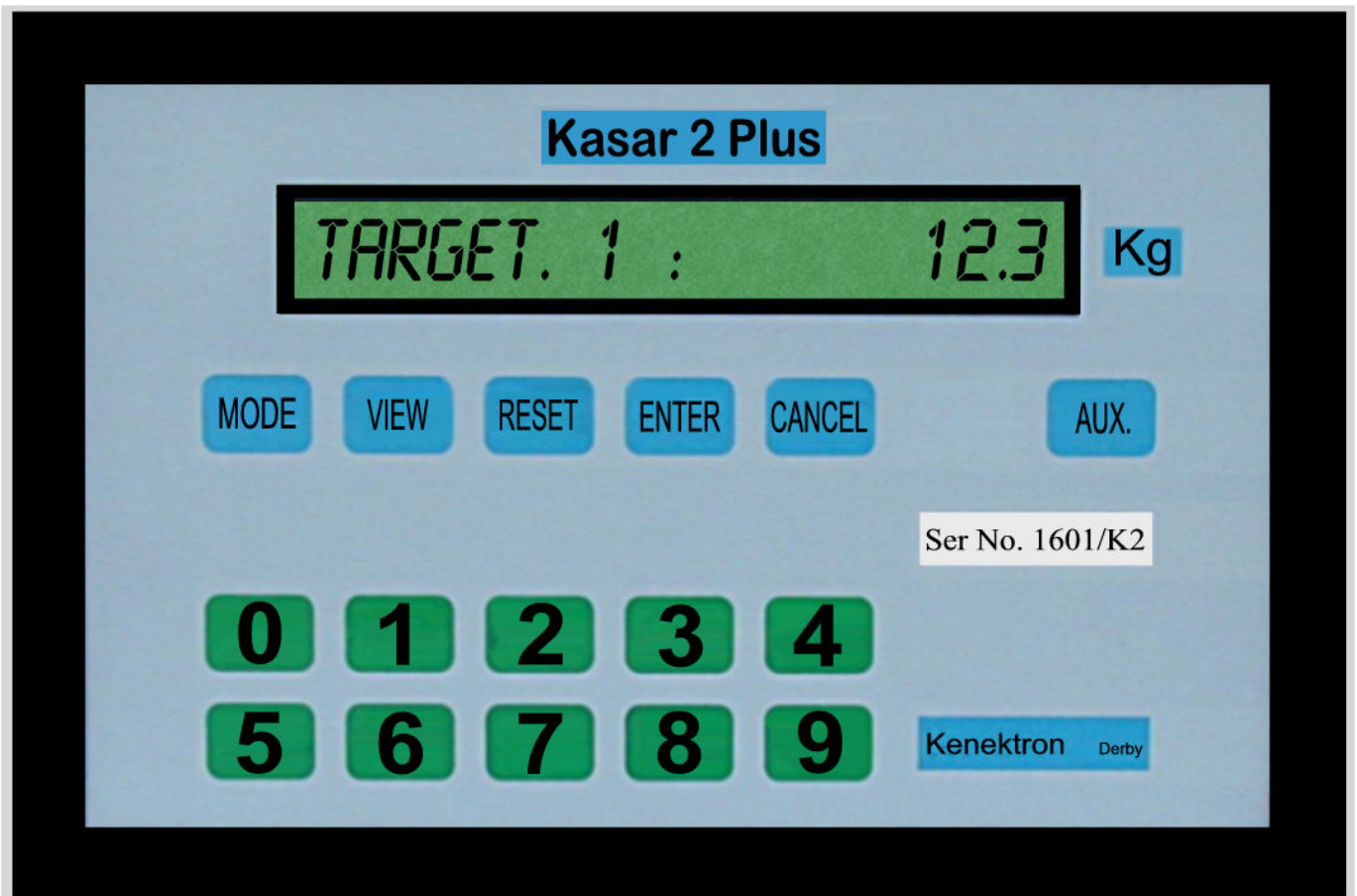


THE DERWENT GROUP

Industrial Weighing – Micro Processor Systems – Process Control Panels

KASAR 2 PLUS **WEIGHING BATCH CONTROLLER**



The Kasar 2 Plus is a cost effective Weighing Batch controller. Serving upto 4 Ingredients it is suitable for a wide range of industrial process weighing applications. The unit is supplied either in a rugged IP66 Bulkhead enclosure, or in a Panel Mount form, for ease of use by systems engineers.

Description

The Kasar 2 Plus is a cost effective solution for most industrial weigh-batching processes. It is capable of controlling upto 4 Ingredients.

Compact, versatile and easy to use, this product is ideally suited for filling, batching or discharging either by weight or volume.

The basic unit offers up to 3 inputs and 5 outputs.

Analogue and serial outputs are available. From experience we know that no two applications for our products are exactly the same. We are always happy therefore to add extra functions or tailor our software to meet customers' individual requirements.

Features

*Bulkhead Enclosure rated to IP66
Panel Mount Version can be IP66
Back-Lit 16 character display
Key-Pad entry calibration
Error / Status messages displayed
Excitation for up to 4 x 350 Ohm loadcells.
Upto 6 Cells by request.
Upto 8 opto-isolated inputs / outputs
Two stage feed control
Automatic in-flight compensation
Result tolerance testing
Loss in weight option
Bulk bag filling / discharge facility
Feed rate monitoring
Feed error detection
Capable of simultaneous multi-channel weighing via RS485 communication.*

Specification

INPUT CIRCUIT

<i>Input range</i>	<i>0.24mV/V to 5mV/V</i>
<i>Excitation</i>	<i>10 volts DC</i>
<i>Internal resolution</i>	<i>16 Bit</i>
<i>Linearity</i>	<i>+/- 1LSB in 65,536counts</i>
<i>Zero offset range</i>	<i>0 to +/- 1.6 mV/V</i>
<i>Input filter</i>	<i>Programmable</i>
<i>Motion Detection</i>	<i>Programmable</i>

HMI

<i>Display type</i>	<i>16 character LCD</i>
<i>Character height</i>	<i>9.3mm</i>
<i>Enhancement</i>	<i>LED backlight</i>
<i>Key-Pad</i>	<i>16 key membrane.</i>

SETUP

<i>User selectable scales</i>	<i>0.3000 to 30,000</i>
<i>Display resolution</i>	<i>1 in 3000</i>
<i>Calibration scale</i>	<i>Programmable</i>
<i>Minimum increment</i>	<i>Programmable</i>
<i>Security</i>	<i>10 char. access code</i>
<i>Programming</i>	<i>Via 16 way keypad</i>
<i>Calibration</i>	<i>Automatic via keypad</i>

PHYSICAL

<i>Size (Panel Mount)</i>	<i>H120 x W175 x D158</i>
<i>(Bulk Head)</i>	<i>H200 x W212 x D70</i>
<i>Panel cut out</i>	<i>H65.5 x W138.5</i>
<i>Operating temperature</i>	<i>-10 to 50°C</i>
<i>Power supply options</i>	<i>110 or 240 volts AC</i>
<i>(Specify with Order)</i>	<i>12 or 24 volts DC</i>
<i>Output options</i>	<i>RS232 serial or RS485</i>
	<i>0-10V or 4-20mA</i>
	<i>Opto-isolated I/O</i>

