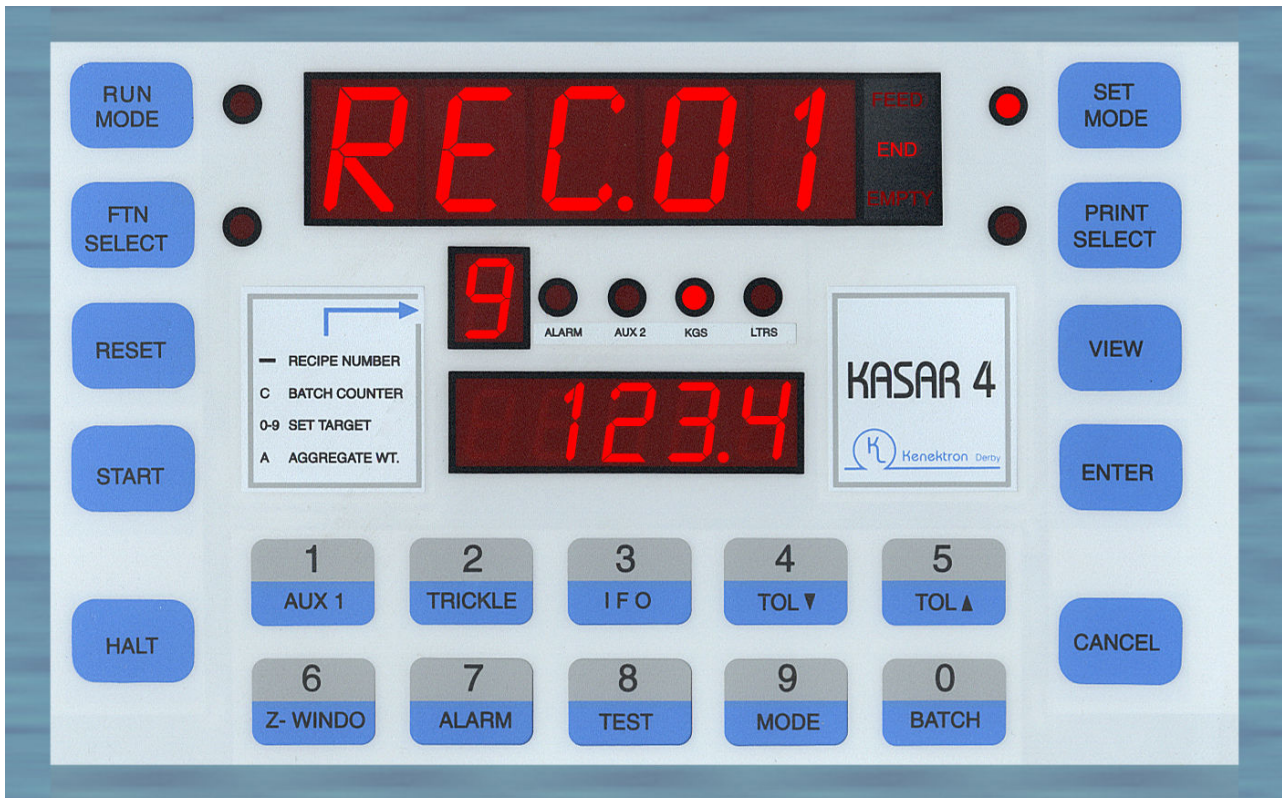


## **KASAR 4 SILOMASTER** **RECIPE BASED BATCH CONTROLLER**



The Kasar 4 Silomaster is a recipe based batch controller; handling weighed, pulsed or timed feeds. Capable of servicing up to nine ingredients, this unit can be used as a master controller in a multi-channel system. With 20 large dedicated keys it provides User-Friendly control of upto 80 batch recipes. The System has over 10 years of 'Duty' and with a Stainless Steel Front the unit is suitable for Food Processing, Construction and Chemical Industry applications amongst others...

## Description

The Kasar 4 Silomaster is a fully programmable batch controller, designed primarily as a stand-alone controller for inclusion into process control systems. Available in two versions, one capable of controlling up to five ingredients, the other up to nine. The controller features proportional weighing, which automatically adjusts the target settings of all weighed ingredients in a batch, after the final weight of the each component has been assessed. This maintains a constant mix ratio.

A totalising and printing facility for Stock Monitoring purposes is included as standard. This unit will accept both weight and/or flow meter inputs. Each feed combination may be tailored to suit the application, also Auxiliary Inputs can be used to interlock the Cycle to other plant processes...

## Features

- IP66 enclosure for panel mount or bulkhead
- Optional stainless steel enclosure
- User selectable scaling
- Error / Status messages displayed
- System diagnostics, via engineer's mode
- Excitation for up to 6 loadcells, 4 or 6 wire
- Up to 24 inputs, 15 outputs
- Opto-isolated I/O
- Two speed weighing facility
- Automatic in-flight compensation
- Weigh result tolerance testing.
- Up to 80 recipes available
- Weighed, pulsed or timed feeds
- Comprehensive feed error detection
- Batch counter with control or monitor modes
- Totaliser for stock monitoring and control
- Master / Slave operational modes

## General Specification

### INPUT CIRCUIT

Input range	0.4mV/V to 8.0 mV/V
Excitation	10 volts DC
Linearity	±1 LSB in 20000 counts
Internal resolution	80,000 counts
Zero offset range	±3 mV/V max at 350Ω
Input conditioning	Digital input averaging
Input resolution	1/20,000
Full scale	15 selectable scales

### HMI

Weight display	20mm High Intensity LED
Data Display	14mm High Intensity LED
Membrane keypad	20 large dedicated keys

### SETUP

Selectable FSD	0.5000 – 50,000
Display resolution	1 in 4,000 or 5,000
Minimum increment	1,2,5 or 10
Calibration	Via switches and pots

### PHYSICAL

Power supply	110 / 230 volts AC
Operating temp.	0 – 55 °C
Size (bulk head)	238H x 320W x 104D
(Panel mount)	262H x 342W x 150D
Panel cut-out	243H x 321W
Remote digital inputs	Up to 24, active high
Relay outputs	Up to 15 N/O 5A max.
Communications	RS232 serial ports
Analogue output	4-20mA or 0-10v

