

Batching Controller – SMIT 1523

Batching CONTROLLER SMIT-1523 is a Micro-controller Based unit. It is configured for a concrete batch mix plant Applications. It can control feeding of multiple components With the help of load cell inputs, Status inputs and Control outputs.

SPECIFICATIONS:

- Onboard RTC
- **Operating Supply:** 24VDC
- **Display:**
 - 128 x 64 Graphics LCD display with backlit
 - 20 discrete LEDs for Process status indication
 - 7-Segment RED LED Display, organized in 4-groups of 4-digits each to display weight of individual component (Aggregate/ Sand/ Water/ Cement)
- **Keyboard:** 20 keys membrane Keypad
- **Load cell Inputs:** Four channels
- **Excitation voltage:** 5VDC
- **Pulse Inputs:** For water feeding thro' water meter
- **Field Programmable parameters:** Set points/Offset of all component, Filter, Various timings for batching sequence
- **Control Outputs:** Up to 24 relay outputs
 - Control of Component Feeding Gate
 - Discharge, Alarm, Mixer Gate On/Off
 - Status: Batch Over, Batch Ready
- **Digital Inputs:** Up to 24 digital inputs to read status & remote commands: Auto/Manual/Semi Auto Switch, Bucket Top/Bottom, Start, Stop Commands
- **Calibration:** Offset & Span calibration through software using keypad
- **Reports:** Batch wise online print, offline print, summary print, recipe print etc...
- **Interfaces Options:**
 - Serial RS-232/RS-485 for Printer/Computer
 - USB port for PEN Drive (Mass data storage)
 - GSM Modem to connect with Cloud/Server
- **Mechanical:**
 - Panel Mount SS Enclosure
 - **Dimensions:**
 - Outer: 244 (W) x 160 (H) x 100 (D)
 - Cutout: 208 (W) x 116 (H)



Samyak Instrumentation Pvt. Ltd.

F/4, Memnagar Complex, Opp. Petrol Pump, Memnagar, Ahmedabad-380 052, India

Phone: 91-79-27495500/5600 Fax: +91-79-27417997

url: www.samyak.co.in E-mail: sales@samyak.co.in