



Check Weigh Indicator

Check weigh Indicator is a special plain digitizer for static check weigh applications. It enables, PASS indication for acceptable samples & REJECT indication for high/low samples. Tower light mounted on top shows green/red/yellow helps in easy and fast for operation. Installing the check weigher in production/dispatch/QC department makes the industry's output reliable and reduces rejection from further departments/market.



Salient Features

- Static Check weighing
- Code bank for item, ranges
- Easy code selection
- 30 hours battery backup
- Ready solution for visible signal
- No hassles for electrical wiring for signal lights



Features

- Provision of Tower light for easy visibility
- Built in four keys for setting and operations
- Built in Battery Backup in case of power failure
- Three-step calibration to achieve accurate and error free calibration
- Smart calibration for correcting faulty weight without putting load
- Actual weight display at power ON
- Provision of weight tracking
- Selectable Decimal point
- 24 Bit ADC
- LED to indicate AC/Battery operation
- Provision to program 24 product codes
- Multiple products with different weight range can be programmed (recipe)
- No need to set the parameters again on changing the item for check weighing
- One touch key for new product selection

Applications

- 1 Food processing
- 2 Steel and warehouse industries
- 3 Packaging and pharma industries

MECHEL SYSTEMS AND SERVICES

105, NIRMAN INDUSTRIAL ESTATE, Behind Chincholi Fire Station
New Link Rd, Malad West, Mumbai, Maharashtra 400064 INDIA

+91 22 4024 4521

97699 09978, 98923 77086

mechel.mumbai@gmail.com



Technical Specifications

Processor	8051 controller
Processor clock	18 MHz
Power supply	Transformer based with spike suppressor
Input voltage	230 V AC \pm 10% @ 50Hz
Protection	Spike suppressor for input power 200 mA fuse for AC power input
Battery Backup	Built in battery backup for more then 30 hours using 6V 4Ah battery
Power consumption	4 VA (approx.)
A/D converter resolution	Sigma Delta type with 24 Bit resolution
A/D clock	20 Hz
Conversion speed	10 samples per second
Load cell excitation	5V DC with current capability to drive up to 8 load cells of 720 ohms input resistance
Input signal	1 μ V to 3 μ V per division of weight
Display	6 digit seven segment RED LED display of 13mm height
Environment	Operating temperature: 0° to 50° celsius
Humidity	up to 95% RH non-condensing

MECHEL SYSTEMS AND SERVICES

105, NIRMAN INDUSTRIAL ESTATE, Behind Chincholi Fire Station
New Link Rd, Malad West, Mumbai, Maharashtra 400064 INDIA

+91 22 4024 4521

97699 09978, 98923 77086

mechel.mumbai@gmail.com