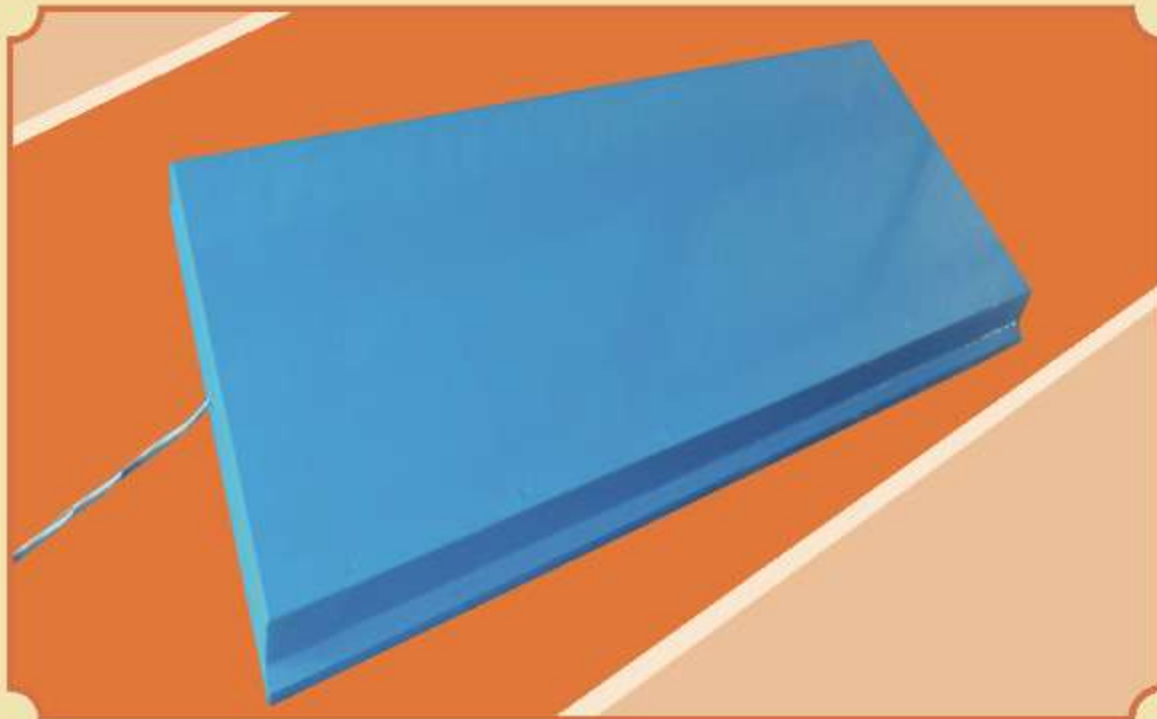




TOLL PLAZA WEIGHING SYSTEM



Introduction

Bending Plate Weighing System consists of weighing pad in front of toll lane and other detecting devices. Which is able to acquire vehicle data and transfer it to computer. Then the road toll charge will be calculated according to the acquired information of vehicle weight and type etc.

Application

Mainly applied to vehicle weight detection on Highway and Bridge, Bending sensor can observe Overrun vehicles and Weighing Charge System can be built according to the test result. This can be widely use in Traffic Research to promote Highway Construction and Modernized Management.

Indicator(Consul)

- Equipped with large LCD Display, friendly human interface, Information like Axle weigh, Axle-group weight, vehicle weight, vehicle type, speed, passing time, waiting vehicle number and current state can be indicated:
- Global owns the core technology, has capability to provide upgrade for system in case of necessity.
- Provided with keyboard interface and Calibration port, it is easy and safe for operating or debugging. All the procedures are under Metering Regulation.

- Sample Rate : 4000Hz
- Signal frequency range : ± 10 mV
- Baud Rate : 9600 / 115200 bps
- Interface : RS232 / RS 485 / RJ45





Vehicle Separator

- Product by Global™ with long life and high quality :
- Stainless steel shell, door type structure, easy to clean and maintain :
- Self-heating glass windows, automatic humidor control, prevent condensing and frosting
- Separating Accuracy more than 99.9% in good weather condition
- Separating Accuracy more than 99% in extreme weather condition (including strong sunlight):
- Scanning Height : 400mm ~ 1600mm
- Minimum Separating Distance : 100mm
- Minimum Distinguishing Size : 40mm

SPECIFICATION

| Description | Specification |
|-------------------------------------|--|
| Capacity of the platform | 45 Ton / Axle |
| Stationary accuracy | ± 0.1% FSR |
| In motion accuracy | ± 5% FSR UPTO SPEED 60 Km/H; |
| Safe Overload (FSO) of the platform | 150% of rated capacity |
| Vehicle separator | IR based curtain housed in weather proof, IP 65 Rated pillars with proper sealing |
| Controller housing | Water/ weather proof with anti rust coating; IP 65 RATED |
| Approval / Certification | Weights & measures approved model, duly stamped & sealed by W&M department on installation |
| Bending Sensor | |
| Full Scale Output (m V/V) | 2 mv/v |
| Tolerance on Output (FSO) | ±0.25% |
| Zero Balance (FS) | ± 0.1mv/v |
| Non-Linearity (FSO) | <± 0.100% |
| Non-Repeatability (FSO) | <±-0.060% |
| Creep (FSO) in 30 min | <± 0.020% |
| Operating Temperature Range | -20 degree (°C) to + 70 degree (°C) |
| Protection Class | IP 68 |

OUR TRUSTED CLIENTS

During the past few years the customers included in the organization in their weighing systems and project works of



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