


BELT SCALE



0.50 TONNES PER HOUR TO ANY CAPACITY

accurate & reliable



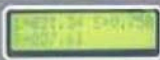

- ✦ Ideal for process industries
- ✦ Accuracy guaranteed for even very low belt loads
- ✦ New generation "flex-o-weigh" arrangement
- ✦ Supports belt widths from 500mm to 2000mm



Weighing & Automation

ISO 9001 Certified Company

Main Panel

	LCD 	LED 
Display	2 line 16 character backlit LCD	
	7 digit, 13 mm, 7 segment high intensity red LED	
	Load in Kg/m	
	Speed in m/s	
Annunciation	Rate in Tonnes / hr.	
	Totaliser in tph	
	Belt ON	
	Under load	
Programmable Parameters	Over load	
	Set achieved	
	Error Messages	Fault LED's
	Calibration of load, speed and totaliser through keypad	
Self - test	Set value for under load and over load	
	Current span setting for rate (set - 20)	
Power supply	Selectable speed mode	
	Password protection for all programmable parameters and functions	
Operating temperature	Internal system check for NVRM, EEPROM, ADC	
	230V, 50Hz, AC/110V 50Hz AC	
Dimension	5° C to 45° C	5° C to 50° C
	380X600X250mm (WXHXD)	



Remote Indicator

Data Input	RS 485 from main panel/ current (4-20mA) from main panel
Display type	13mm 7 segment Red LED
Display parameters	1) Rate : 5 digit 2) Totaliser : 6 digit
Power Supply	230V, 50 Hz (Optional 110V±10V,50Hz±2%)
Dimension	202X121X261mm (WXHXD)

Input Section

ANALOG	
Load Cell	
No of Load Cells	1 / 2 / 4
Excitation	±5V DC@150mA
Max input	20mV
Angle Sensor	
Excitation	±5V@120mA
Max i/p	±2.5V

DIGITAL	
Speed Sensor	
Max i/p frequency	5 to 500Hz
Excitation	12V DC@100mA
Types	
Proximity	Inductive
Pulse Encoder	100 to 1000 PPR
Tacho Generator	5V to 24V AC

Output Section

Current output	1 No, 4-20mA corresponding to rate (Loop resistance : Max. - 1K ohms, Min - 100 ohms)
Potential Free contacts	4 Nos, (rated for 230V, 3A resistive load) Under load Overload Totaliser set achieved Totaliser Pulse
RS-485 output	To remote display
Communication to PLC	Profibus/Modbus (Optional)

RANGE OF PRODUCTS

Strain Gauges
Load Cells
Pressure Transducers
Torque Transducers
Crane Scales
Piezoelectric Accelerometers
Signal Conditioners
Trip Safe

Indicators / Controllers
Vibration Meter & Vibration Switches
Weigh Feeders
Bag Check Weighers
Batching Systems
Hopper/Tank/ Silo Weighing Systems
Force Measuring Systems
Bagging Systems

Loss-In Weight Feeders
Weigh Bridges
Crane Weighing Systems
On-Line Weighing Systems
Axle Weighers
Aircraft Weighing Systems
Throughput Weighers
Check Weighers



Weighing & Automation

An ISO 9001 Certified Company

IPA Pvt. Ltd.

472/B2, 12th Cross, 4th Phase, Peenya Industrial Area, Bangalore - 560 058
Tel: +91- 80-2836 2851 Fax +91-80-2836 0520, Email:sales@ipaindia.com
Website : www.ipaindia.com