

PT253

STAINLESS STEEL INDUSTRIAL WEIGHING INDICATOR



General Features

- 25mm wide angle LCD display with back light
- Up to 30000d display resolution
- OIML approved
- 2 programmable function keys and navigation keys provide easy operation
- Linearity correction
- Gravity Adjustment
- Li-Ion long life rechargeable battery
- Auto Power off
- Accumulated weighing
- RS-232C data port standard
- Programmable print format
- Choice of 5 languages for printing (English/German/French/Spanish/Turkish)
- Built in real time clock
- 2nd RS-232C port option
- Stainless steel housing
- Configurable as remote display

Basic Weighing

- Multiple tare
- Auto tare
- Weight accumulation and memory
- Unit change (g, kg, oz, lb)
- Ticket with Date, Time, Ticket no, Gross, Tare & Net Weight

Check Weighing

- 100 product memories
- Under, OK, Over Status Bars on Display
- Acoustic warning with buzzer

Counting

- 100 product memories
- Parts count accumulation
- APW optimisation

Animal Weighing

- Smart dynamic weighing algorithm for animal weighing



...Azure Signature Series!

The PT253 is a low cost, high quality general purpose weighing indicator for industry in a durable stainless steel housing.

The PT253 is approved by Weights & Measures Authorities for use in Accuracy Class III applications with 6000 and 2x6000 intervals in accordance with OIML R76.



Weighing, Counting, Check weighing and Dynamic weighing for animals are standard as is printing which is selectable from 4 languages. It has 100 memory locations for Average Part Weight for Counting and 100 product memories for check weighing. It can also be configured as a remote display with Zero and Tare functionality.

Under, OK, Over Status bars and programmable buzzer for operator prompting are available for check weighing.

Easy and practical operation via navigation keys with two programmable function keys and 25mm large digits and wide viewing angle, multi-colour backlit LCD display.



Accupoint weigh module

The PT253 is powered by AC power with integral mains cable and internal re-chargeable Li-ion long life battery. Powering from 12VDC is possible.

Items Available

Model	Features
PT253	Standard PT253
PT253S2	Optional 2nd RS-232 serial port

PT253 Specifications

Accuracy	OIML R76 Class III 6000 (single range) and 2x 6000 (multi-range) intervals
Display	112x40mm extra wide angle backlit LCD with 25mm digit height and 3 back light colours
Resolution	Max. Displayed 30000, internal 16000000, 24 bit Delta Sigma ADC
Units display	g, kg, oz, lb
Display Annunciators	Gross, net, motion, centre of zero, units
Keypad	9 key (on/off, user assignable Function, Tare/Clear, Zero, navigation and memory)
Excitation	5V, up to 4x 350Ω or 8x 700Ω load cells, 4 or 6 wire
Input voltage range and sensitivity	0mV to +18mV. Minimum 0.1 μV/division
Zero adjustment input range	-18mV to +18mV
Operating Environment	-15°C to +55°C; max. 85% RH, non-condensing. IP65 with front panel sealing.
Enclosure and Dimensions	Stainless steel, IP65 protected. 225x135x90mm
Power Supply	2000mAh Li-ion Battery, up to 36 hours continuous operation for single load cell and 24 hours continuous operation for 4x350 Ohm load cells. Programmable auto power off.
Battery Charging	Integral cable, 100-230 VAC (100-125VAC with USA plug), 50-60 Hz. 12VDC (10.5-14.6) configurable.

Features

Calibration	Calibration can be performed with or without load cell non-linearity correction.
Digital filter	Adaptive digital filter adjustable in 3 steps for standard weighing, Adaptive digital filter adjustable in 4 steps for dynamic (animal) weighing.
Weighing functions	Taring, zeroing, auto zero tracking, motion detection, auto zero at power up, increased resolution, unit change, temporary gross weight indication, dynamic(animal) weighing.
Totalising	2 separate memories for Weighing and Counting
Counting	Sampling or using Average Part Memory (APW), APW optimization is available with APW memory for 100 different parts. Sampling quantity selectable as 10,20,30,50,100 pcs.
Check Weighing (Classifying)	Under, OK, Over status bars on display and programmable buzzer, Memory for 100 products. Operator prompting with Under, OK, Over status bars on display and programmable internal buzzer
Dynamic (Animal Weighing)	Supported by smart dynamic weighing algorithms
Remote Display	Remote display mode with Zero and Tare functions, by RS232C to Azure instruments.

Communication

RS-232	1200 to 115200 baud, 8N1. 2nd RS232 available as an option (transmit only).
Data output	Demand, Continuous and Fast Continuous

Printing/Weigh Ticket

Ticket Format	Programmable for different weighing modes. Format may include Date, Time, Ticket No, Gross, Tare and Net weights, Quantity. Label (print ticket) count number can be Preset.
Date Format	Programmable as dd.mm.yyyy, mm.dd.yyyy or yyyy.mm.dd
Print languages	English, German, French, Spanish, Turkish

Weighing

Weighing number #000010	
15-09-2012 01:04:03	
Gross	4.771 kg
Tare	1.675 kg
Net	3.097 kg

Dynamic Weighing

Weighing number #000014	
15-09-2012 01:08:57	
Dyn Gross	4.771 kg
Tare	1.675 kg
Dyn Net	3.096 kg

Counting

Weighing number #000018	
15-09-2012 01:14:39	
Gross	4.770 kg
Tare	1.675 kg
Net	3.096 kg
Piece Weight	0.00100 kg
Quantity	3096 pcs

Classifying

Weighing number #000024	
15-09-2012 01:24:06	
Gross	1.705 kg
Tare	1.675 kg
Net	0.030 kg OK

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