



PT272 IP66 STAINLESS STEEL INDICATOR FOR INDUSTRIAL WEIGHING

GENERAL FEATURES

- 25mm high wide angle LCD display with multi-coloured back light
- Up to 30000d display resolution
- OIML approved to 6000d
- 2 programmable function keys and navigation keys provide easy operation
- Linearity correction
- Gravity Adjustment
- Li-Ion long life rechargeable battery for use away from power-on 100-240V mains operation
- 12V operation
- Auto Power off
- Accumulated weighing
- 2x RS-232C data port standard
- Connectivity to remote displays with zero and tare functionality
- Programmable print format
- Choice of 5 languages for printing (English/German/French/Spanish/Turkish)
- Built in real time clock
- User setable password access
- Stainless steel housing to IP66 with wall bracket included
- Configurable as remote display

BASIC WEIGHING

- Multiple tare
- Auto tare
- Weight accumulation and memory
- Programmable units (g, kg, oz, lb)
- Unit change metric to imperial
- Single or multi-range operation
- Ticket with Date, Time, Ticket no, Gross, Tare & Net Weight

CHECK WEIGHING

- 100 product memories
- Under, OK, Over Status Bars on Display, audible alarm and colour change
- Acoustic warning with buzzer

ANIMAL WEIGHING

- Smart dynamic weighing algorithm for animal weighing



... Azure Signature Series!

The PT272 is an affordable, high quality general purpose weighing indicator for industry in a durable IP66 stainless steel housing. Ideal for platform, truck and hopper scales among other applications and is available with surge protection and Alibi memory.

The PT272 is approved by Weights & Measures Authorities for use in Accuracy Class III applications with 6000 and 2x6000 intervals in accordance with OIML R76.

Weighing, Check weighing and Dynamic weighing for animals are standard as is printing which is selectable from 4 languages. It has 100 product memories for check weighing. The PT272 can also be configured as a remote display with Zero and Tare functionality.

Under, OK, Over Status bars and programmable buzzer and screen colour 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.

The PT272 is powered by AC power with integral mains cable and internal re-chargeable Li-ion long life battery. Powering from 12VDC is possible.



Accupoint weigh module



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IN
1979



PT Limited

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PT272 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
CAPACITY & UNITS DISPLAY	Up to 300 000kg (150 000kg approved), Units g, kg, oz, lb Metric/Imperial switchable
DISPLAY ANNUNCIATORS	Gross, net, motion, centre of zero, units
KEYPAD	9 key (on/off, user assignable Function, Tare/Clear, Zero, navigation and memory)
EXCITATION	5VDC 100mA, 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 (0.4 μV/division approved)
ZERO ADJUSTMENT INPUT RANGE	-18mV to +18mV
OPERATING ENVIRONMENT	-15°C to +55°C; max. 85% RH, non-condensing. IP66 sealing.
ENCLOSURE AND DIMENSIONS	Stainless steel, IP66 protected. 225x190x95mm
BATTERY 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.
POWER SUPPLY/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 4 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	Weighing totalising and total recall.
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 is 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. Ticket weighing 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

ITEMS AVAILABLE

Model	Features	Part Numbers
PT272	Standard PT272 with US, UK, EU, AU power cord	EP272DI00USXXX, EP272DI00UKXXX, EP272DI00EUXXX, EP272DI00AUXXX
PT272-SURGE	Optional surge protection board and RS232C isolation	E0272DIOP2XSUR
PT272-ALIBI	Optional Alibi memory board for up to 65000 records	E0272DIOP1XALI



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