

PRECIA MOLEN™
WORLDWIDE WEIGHING



Available in IP69K version

IP69K

I20 WEIGHT INDICATOR

GENERAL DESCRIPTION

The i 20 indicator benefits from PRECIA MOLEN's experience, expertise and research in designing an accurate, basic and ergonomic product for industrial use.

The i20 has the following distinctive features:

- » Design and styling for industrial use (robustness, high IP rating and easy to clean).
- » Ease of use.
- » For connection to one or more load cells. Available in tabletop, wall, column or panel mounting versions.
- » High quality construction in Grade 304L stainless steel.
- » Latest technology including FSC (Field Sequential Colour) - LCD (Liquid Crystal Display) and non-polluting high capacity batter » LiFePO4.

FUNCTIONS

- Single weighing
- Parts counting
- Tolerance check +/-
- Formulation
- Calculation

SETTING

The indicator's metrological and functional settings can be made:

- Via the indicator's front panel;
- With a PC and a simple Internet browser.

Parameter backup/restore via optional iSD card or PC.

CE CONFORMITY

- Compliant with the European Directive relative to Non Automatic Weighing Instruments (NAWI).
- Compliant with European Directive relative to Electromagnetic Compatibility.
- Compliant with European Directive relative to Low Voltage equipments.

HOUSING

- Protection rating IP 66
- 304L stamped stainless steel construction.
- Includes a universal bracket for tabletop, wall or column installation.

DISPLAY

- Weighing
- Calculation menu
- New colour FSC-LCD technology.
- Weight display: 7 x 25mm high characters.
- Additional Information: 10 x 8mm high characters.
- Secondary units: 3 characters



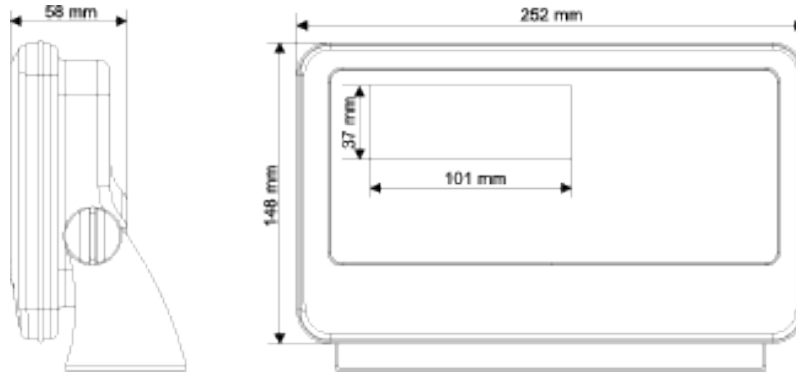
KEYBOARD

- Touch control keys.

I20 WEIGHT INDICATOR

WE MAKE IT EASY.

TECHNICAL CHARACTERISTICS



POWER SUPPLY

Two modes of external power supply jumper selectable:

- AC90/230 V
50/60 Hz
- DC9/30 V
- Maximum power consumption.....1.4 W

» Internal battery power (option)

Operational duration evaluated with a single load cell weighing infrastructure:

- No backlighting48 h
- Minimum backlighting30 h
- Average backlighting22 h
- Maximum backlighting16 h

Charging time

- From 0 to 100 %8 h
- From 80 to 100 %4 h

ACCESSORIES SUPPLIED

- AC power cord (3m long) · Universal bracket
- Universal bracket
- Dust cover

OPTIONS

Battery

- » Internal battery and plug-in power cable (3m long)



Data back-up

- » Storing on iSD card
 - DSD memory 300,000 records for trade use
 - Parameter and file storage



Communication

- » USB for PC connection
- » 2nd RS 232 / RS 485 link
- » Ethernet

Logical inputs/outputs

- Input/output interface(with galvanic isolation)
- » Input:
 - 2 channels .8 to 30 V DC
 - » Output:
 - 4 channels .48V / 100 mA

Installation kits

- » On platform
- 
- » Panel mounting
 - Cut out: 252 x 148 mm
 - Thickness: 10 mm max.

ENVIRONMENT

» Temperature range

- Operating- 15 °C / + 60 °C*
 - Storage- 20 °C / + 65 °C
- * - 10 °C / + 40 °C in trade use.

METROLOGY

	ML	HML
• Class.....	III	-
• Division (µV).....	0.5	-
• Single range.....	6000	30000
• Dual range.....	2 x 6000	-
» Load cells		
• Power supply.....	5 V	
• RMin.....	43 Ω	
• RMax.....	1245 Ω	

COMMUNICATION

- » RS 232 link
 - Printer
 - Reference scale for parts counting
 - Remote weight display