



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.

## Certification

- Metrology: Test certificate issued by a notified body in accordance with Directive 2009/23/CE for Non-Automatic Weighing Instruments.
- Electromagnetic Compatibility: Complies with the requirements of Directive 2004/108/CE.
- Low Voltage: Complies with the requirements of Directive 2006/95/CE.

## Housing

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

## Display



- √ Weighing
- √ Calculation menu



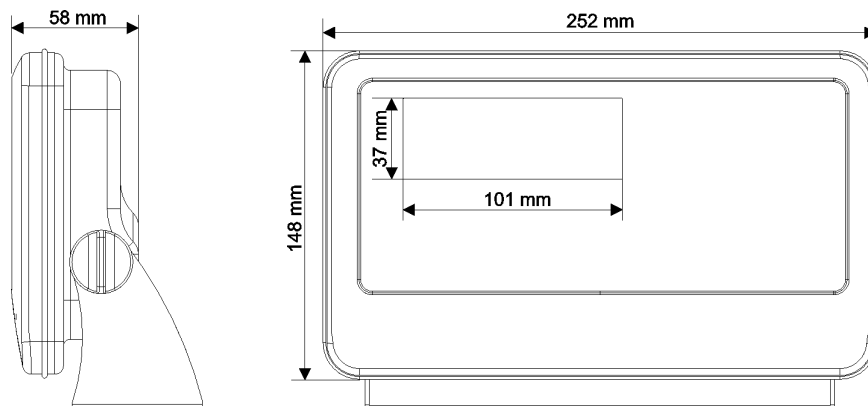
- √ Parts counting
- √ Tolerance check +/-

- 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.

## Technical characteristics



### Power supply

Two modes of external power supply jumper selectable:

- AC ..... 90/230 V  
50/60 Hz
- DC ..... 9/30 V

Maximum power consumption ..... 14 W

#### ▼ Internal battery power (option)

Operational duration evaluated with a single load cell weighing infrastructure:

- No backlighting ..... 48 h
- Minimum backlighting ..... 30 h
- Average backlighting ..... 22 h
- Maximum backlighting ..... 16 h

Charging time

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

### 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
• R <sub>Min</sub> .....	43 Ω
• R <sub>Max</sub> .....	1245 Ω

### Communication

#### ▼ RS 232 link




- Printer
- Reference scale for parts counting
- Remote weight display

## Accessories supplied

- AC power cord (3m long)

- Universal bracket
- Dust cover

## Options

Battery	Data backup	Communication	Logical Inputs/Outputs	Installation kits
▼ Internal battery and plug-in power cable (3m long) 	▼ Storing on iSD card <ul style="list-style-type: none"> <li>• DSD memory 300,000 records for trade use</li> <li>• Parameter and file storage</li> </ul> 	▼ USB for PC connection ▼ 2nd RS 232 / RS 485 link ▼ Ethernet	▼ Input/output interface (with galvanic isolation) Input <ul style="list-style-type: none"> <li>• 2 channels..8 to 30 V DC</li> </ul> Output <ul style="list-style-type: none"> <li>• 4 channels..48 V / 100 mA</li> </ul>	▼ On platform  ▼ Panel mounting <ul style="list-style-type: none"> <li>• Cut out: 252 x 148 mm</li> <li>• Thickness: 10 mm max.</li> </ul>

### Your specialist

Non contractual illustrations. Precia-Molen reserves the right to alter the characteristics of the equipment described in this brochure at any time.

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 WORLDWIDE WEIGHING