

**AMBITIOUS OBJECTIVES...**

- ▼ Offer a product line with an excellent quality/price ratio, able to satisfy the demands of international markets.
- ▼ Create a unique design, suitable for all weighing applications and industrial environments.
- ▼ Increase the number of functions available, whilst maintaining ease of use and providing user information.
- ▼ Provide weighing information to management or automation applications via modern channels (USB, Ethernet, fieldbus) with easy implementation.
- ▼ Provide assistance to preventive maintenance and system monitoring.
- ▼ Take into account the environmental impact.



**INNOVATION AND ENVIRONMENTAL RESPONSIBILITY**

- ▼ Beyond technical performance alone, the technologies used were chosen because they improve ergonomics or limit the impact on the environment.
- ▼ The new FSC LCD display is not only more readable (no optical filter) and faster for better monitoring of the process, but also uses less energy.
- ▼ On a like for like configuration, the power consumption of the i range of indicators is **10 times lower than** that of the models they replace. In addition, when battery power is required, power and battery volume has been reduced. PRECIA MOLEN selected the **LifePo4 technology** as it does not contain any toxic element or present any risk of explosion in the event of shock or short-circuit.



WWW.PRECIAMOLEN.COM

i SERIES

i 20 i 30 i 35 i 40



- OUR SUBSIDIARIES
- OVER 40 AGENTS THROUGHOUT THE WORLD

PRECIA MOLEN WORLDWIDE PRESENCE

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Precia-Molen reserves the right to alter at any time the equipment characteristics described on this brochure.

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DESIGNED AND MANUFACTURED IN THE EU

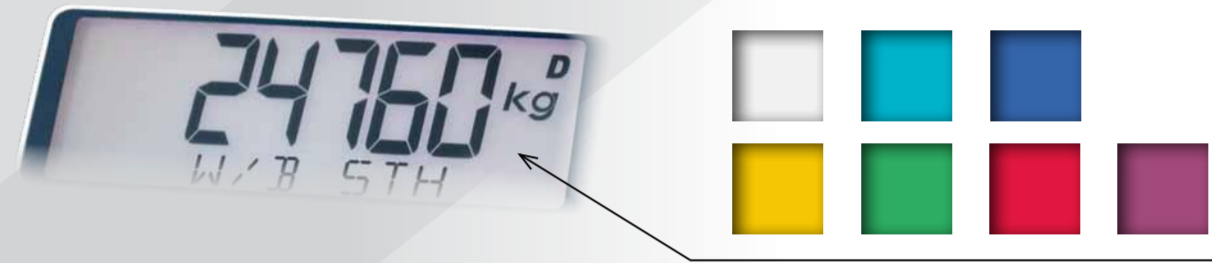
**HIGH LEVELS OF PERFORMANCE WITH UNPARALLELED TECHNICAL FEATURES\***

**METROLOGY**

- Approval 2 x 6,000 divisions with Vmin per division = 0.5 µV.

**ERGONOMICS**

- FSC high contrast LCD colour display technology. 7 background colours either selected by the user or controlled by the application.



- Alphanumeric operator guide.
- Soft-touch keys.
- Configuration by soft-touch keys or via PC using an Internet browser.

**CONNECTIVITY**

- Serial RS232C, RS485 and USB; Ethernet TCP/IP to management applications.
- Field bus Profinet, Profibus DP, DeviceNet, Ethernet Modbus TCP, Ethernet/IP and CANopen to industrial applications.



- Analogue output.

\* Features vary by model  
 \*\* Except i40 PM and DIN.

**DESIGN**

- IP66 stainless steel housing.\*\*
- Optional IP69K certified version
- Extended range of operating temperatures.
- ATEX Version and IECEx version.\*
- Mains power or integrated LiFePo4 battery.



IP69K



**INTEGRATION**

- Stainless steel versions available for wall or table mounting.
- Accessories available to create compact instruments in combination with the PRECIA MOLEN platforms scales.
- Panel mounting and DIN rail mounting.\*



**ACTIVITY MONITORING**

- Alerts management on number of weighings carried out.
- Overload counter.

DESIGNED AND MANUFACTURED IN THE E.U.



**>>>> i20**



- Designed for general industrial use, the i20 indicator features weighing, counting, tolerance checking, formulation and calculation. The housing design combines robustness, industrial protection and ease of cleaning

**>>>> i30/i35**



- The i30 and i35 indicators are capable of weighing products in or out and provide an interface between the weighing platform and management systems. They can be connected to a weight certificate printer and remote weight display.
- The i30 indicator provides an approved interface to management systems
- The i35 indicator may be used as a stand-alone weighbridge terminal with user-friendly application software which also provides traffic control

**>>>> i40**



- The i40 indicator can be easily integrated into any process requiring weight measurement. Its various connectivity options enable direct connection to most PLCs and PCs. The different housings available provide easy implementation into the working environment.