



Composition

Housing

- Two-piece housing constructed in composite material (ABS).
- Standard supply includes swivel bracket for wall, column or table top installation.
- Integral power supply unit (standard) or rechargeable battery (option).
- External connection for Interface modules.

Keyboard with 7 tip-touch keys



1. Off.
2. On.
3. Other functions set by configuration.
4. Taring, zeroing or combined taring/zeroing set by configuration.
5. Print key.
6. Mode select key: simple weighing, counting, weighing with pre-set tare.
7. Function bar defined by configuration (most currently used functions called "Genius key").

Back-lit red LED display screen

Character height: 25.4 mm.



General

The I 200 B is the basic model of PRECIA-MOLEN's new I 200 range of indicators. It is configurable and is easily adapted to fulfil your weighing needs.

Compared to other basic weight indicators the I 200 B offers additional functionality such as:

- counting,
- weighing with pre-set tares,
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In addition the I 200 B may be equipped with a DSD Data Storage Device option to record the key data of all weighings performed, thereby eliminating the need to connect a monitoring printer to the scale.

A wide range of interfaces, peripheral equipment and accessories allows optimum integration of this indicator into an existing installation.

Metrological approval

- Test certificate LNE 01-03.
- Mentioned in EC type approval certificate X201-A, nr F-01-A-005

European directives

- Directive 90/384/EC relating to *Non-automatic Weighing Instruments*
- Directive 89/336/EC relating to the *Electro-magnetical Compatibility*
- Directive 73/23/EC relating to *Low Voltage Equipment*

Operating modes

This indicator offers 3 operating modes:

- simple weighing operations,
- parts counting,
- weighing with pre-set tare (pre-set tare recorded by weighing or manual entry).

Interfaces

The I 200 has an RS 232 interface as standard, this interface may be replaced or complemented by one of the interfaces listed below:

- Second weight input (for dual scale operation),
- RS 232,
- RS 422 / 485,
- Parallel I/O (2 in, 4 out),
- Analogue weight output 4-20 mA.

Physical characteristics

- ▣ Dimensions
 - Width..... 218 mm
 - Height..... 152.1 mm
 - Depth..... 65.1 mm
- ▣ Dimensions for wall or table top installation (using standard mounting parts):
 - Width..... 218 mm
 - Height..... 181.2 mm
 - Depth..... 110.4 mm

Electrical data

- ▣ Integral power supply unit:
 - Mains voltage..... 190 - 250 V
 - Frequency..... 48 - 51 Hz
 - Power consumption..... 15 VA max.
- ▣ Integral battery (option)
 - Operational duration w/out back-lit display 20 h
 - Operational duration with back-lit display 10 h
 - Charging time..... 8 h

Metrological data

	TRADE	Non Trade	
▣ Accuracy class (for Trade use only)	III	-	
▣ Sensitivity per division	0.5 µV	0.1 µV	
▣ Maximum number of divisions			
▣ single range	6 000	30 000	
▣ dual range	2 x 3 000	-	
▣ Load cell excitation	5 V dc		
▣ Load cell impedance			
▣ minimum	48 Ω		
▣ maximum	1 000 Ω		
▣ Maximum length of load cell signal cable	150 m		
▣ Error spreading factor (pi)	0.5	-	* Optional: 12,000 or 48,000 records.

Environmental conditions

- ▣ Temperature range
 - Operation..... - 10 °C / + 40 °C
 - Storage..... - 20 °C / + 60 °C
- ▣ Industrial Protection rating..... IP 54

File data

- Data Storage Device (DSD):
- ▣ Maximum number of weighing records..... 48,000*

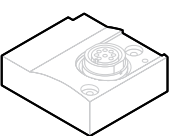
Each record contains: DSD number, gross, tare, net weight, pre-set tare, type of weight printed out and transmitted per protocol, weight unit and weighing serial number.

Standard supply

- ▣ Indicator with integral power supply unit, weight input, RS 232 interface.
- ▣ Swivel bracket for wall or table top installation.
- ▣ User manual.
- ▣ Set of sealing parts and metrological logbook (*depending on the country of destination*).

Options & Accessories


▣ Interfaces



- Second weight input
- RS 232
- RS 485
- Parallel I/O
- Analogue weight output

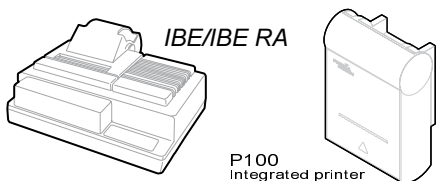
▣ Mounting parts

- Column (H = 525 mm)



- Panel mounting kit

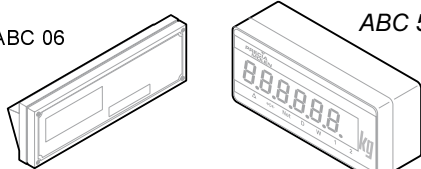
▣ Printers



IBE/IBE RA

P100
integrated printer

▣ Slave displays



ABC 06

ABC 57

▣ Functional accessories

- Rechargeable battery
- Date/time
- Date/time with DSD data storage device

▣ Other accessories

- Battery cable
- Connection cables for peripheral equipment (3, 6, 12, 24 and 36 m).

Your weighing specialist

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Offices and Factory
 P.O. Box 106 - F 07000 Privas - France
 Tel. 33 (0) 475 664 600
 Fax 33 (0) 475 658 330
 E-MAIL webmaster@preciamolen.com

RCS : 386 620 165 RCS Aubenas

