



Composition

Housing

- Double walled stainless steel housing.
- Standard supply includes swivel bracket for wall, column or table top installation.
- Integral power supply unit (standard) or rechargeable battery (option).

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

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

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

Manufactured entirely from stainless steel (304 L), with an Industrial Protection rating of IP 65* this indicator is suitable for use in the most severe industrial environments meeting all the appropriate hygiene and cleaning requirements as stipulated by the agri-food, chemical and pharmaceutical industries, etc.

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-magnetic Compatibility*
- Directive 73/23/EC relating to *Low Voltage Equipment*

Operating modes

This indicator offers 3 operating modes:

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

Interfaces

The I 200 B-S has an RS 232 interface as standard, this interface may be replaced or complemented by one of the interface options 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.

* Connections according to IP67

Physical characteristics

- ▣ Dimensions
 - Width..... 247 mm
 - Height..... 231.3 mm
 - Depth..... 97 mm
- ▣ Dimensions for wall or table top installation (using standard mounting parts):
 - Width..... 247 mm
 - Height..... 231.3 mm
 - Depth..... 148.2 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	-

Environmental conditions

- ▣ Temperature range
 - Operation..... - 10 °C / + 40 °C
 - Storage..... - 20 °C / + 60 °C
- ▣ Industrial Protection rating..... IP 65

File data

- Data Storage Device (DSD)
- ▣ Maximum number of 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.

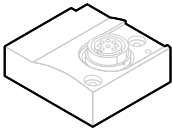
Standard extent of supply

- ▣ 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*).

* Option: 12,000 or 48,000 records.

Options & Accessories


▣ Interfaces



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

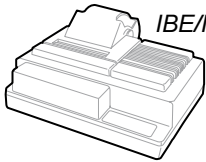
▣ Mounting parts

- Column (H = 525 mm)



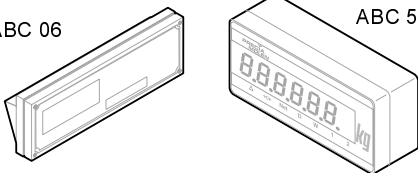
- Panel mounting kit

▣ Printers



IBE/IBE RA

▣ Slave displays



ABC 06 **ABC 57**

▣ Functional accessories

- Rechargeable battery
- Date/time
- Date/time + Data Storage Device (DSD)

▣ Other accessories

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

Your weighing specialist

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