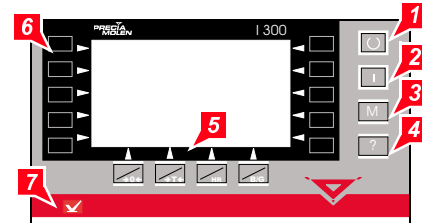


## Design

### Housing

- Stainless steel housing.
- Adjustable wall or column attachment kit.
- Power supply by mains adaptor integrated into the housing.

### Sealed keyboard (tactile keys)



1. Off.
2. On.
3. Display metrological data.
4. On-line help
5. Elementary weighing functions (Tare, zero, High Resolution, return to Gross).
6. 10 multi-function keys with legend on display.
7. Function bar defined by configuration (see the most typical function) and data validation.

## General presentation

The I 300-S indicator is a weighing terminal with advanced functions dedicated to management of weighing vehicles on a weighbridge.

Its multi-function graphic screen and its configurable software enable you to customize your weighing station as a function of your application:

- Management of weighings in single weighing (one pass). With input of the tare or reminder about a memorized tare
- Management of weighings in in/out weighing (two passes)
- Dosing : loading or unloading of vehicles in Gross weight or in Net weight.
- Management of lights for traffic regulation on weighbridge ( digital I/O module as option).

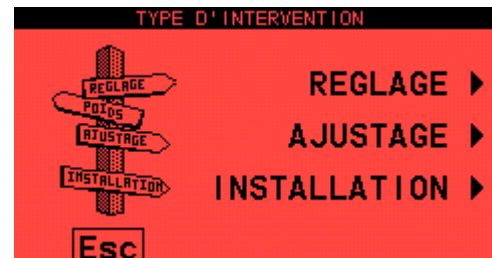
The I 300-S terminal can manage up to two weighbridges (second measurement board optional). It also enables multi-channel management of weighbridges composed of two independent platforms.

It has an optional data storage device so that all weighings made can be recorded, thus avoiding the need to add a check printer (alibi printer).

A complete range of interfaces, peripherals and accessories optimizes integration into your existing installation.

The I 300-S terminal may be provided with a PC type keyboard and a bar code reader so that data can be input more quickly.

### Backlit graphic screen



- Metrological information on the current weighing.
- Calculated information on the current weighing.
- Accumulated management information on batch weighings.

### Inputs / Outputs

The I 300-S indicator is originally equipped with an RS 232 connection that you can optionally replace and / or complement by another connection type among the available adaptations :

- Measurement (double channel indicator)
- RS 232 serial connection
- RS 422 / 485 serial connection
- 2 digital inputs / 4 outputs
- 4 - 20 mA analogue output

## Metrological approval

- Test certificate LNE 03-03.
- Mentioned in CE approval certificate type X201-A, n° F-01-A-005.

## European directives

- Directive 90/384/CEE relating to *Non-Automatic Weighing Instruments*
- Directive 89/336/CEE relating to *ElectroMagnetic Compatibility*
- Directive 73/23/CEE relating to *Low Voltage Equipment*

## Technical characteristics

### Physical characteristics

- ▣ Dimensions
  - Width ..... 247 mm
  - Height ..... 231 mm
  - Depth ..... 112 mm
- ▣ Overall dimensions on table mounting :
  - Width ..... 247 mm
  - Height ..... 231 mm
  - Depth ..... 148 mm

### Electrical characteristics

- ▣ Power supply by integrated mains adaptor :
  - Mains voltage ..... 190 - 250 V
  - Frequency ..... 50 - 60 Hz
  - Consumption ..... 15 VA max.

### Metrological characteristics

- |                                   | <b>ML</b>  | <b>HML</b> |
|-----------------------------------|------------|------------|
| ▣ Accuracy class (Trade use only) | III and IV | -          |
| ▣ Input increment                 | *1 µV      | 0.1 µV     |
| ▣ Maximum number of increments    |            |            |
| ▣ Single range                    | 6 000      | 30 000     |
| ▣ Dual range                      | 2 x 6 000  | -          |
| ▣ Power supply voltage            | 5 V dc     |            |
| ▣ Load cell impedance             |            |            |
| ▣ Minimum                         | 48 Ω       |            |
| ▣ Maximum                         | 1 000 Ω    |            |
| ▣ Maximum load cell cable length  | 150 m      |            |
| ▣ Error spreading factor (pi)     | 0.5        | -          |

\* 0.5 µV with use of the adaptor réf. 4008027.

### Multi-channel management :

- 3 logical channels : A, B, A+B.
  - 2 physical channels A and B.
- This operating mode requires a second measurement accessory module.

### Environmental characteristics

- ▣ Temperature range
  - Operation ..... - 10 °C / + 40 °C
  - Storage ..... - 20 °C / + 60 °C
- ▣ Sealing and protection ..... IP 66

### File characteristics

	<b>Capacity</b>	<b>Code</b>	<b>Label</b>
File 1	600	4 c. num char.	20c. alphanumeric char.
File 2	600	4 c. num char.	20c. alphanumeric char.
File 3	500	4 c. num char.	20c. alphanumeric char.
File 4	500	4 c. num char.	20c. alphanumeric char.
File 5	300	4 c. num char.	20c. alphanumeric char.
Tares	100	4 c. num char.	-
Loading set value	20	4 c. num char.	-
Transit	50	-	-
Summary	3000	-	-

- Date to date cross totalizations on any 2 files chosen from among the five available files, with or without filter.

### Data storage device (DSD) :

- ▣ Maximum number of records ..... 12 000 or 48 000 depending on option.

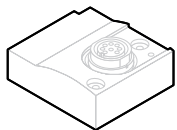
Values saved : DSD number, gross weight, tare, net, predetermined tare, printed weight type, weight type transmitted by protocol, unit, identification number.

### Standard delivery contents

- ▣ Indicator with integrated mains power supply adaptor, measurement accessory, RS 232 serial connection accessory.
- ▣ User's manual.
- ▣ Din / Mini Din adaptor for PC keyboard
- ▣ 3 m measurement cable.

## Options & Accessories

### ▣ Interface accessories



- Measurement board
- RS 232 connection
- RS 485 connection
- Digital inputs/outputs
- Analogue output
- Data Storage device. (DSD : 12 000 or 48 000 records).

### ▣ Keyboard (Azerty/Qterty) and readers



### ▣ Printers



### ▣ Slave displays



## Your weighing specialist

Illustrations are not contractual. Precia-Molen reserves the right to modify at any time e, without prior notice, the information contained in this leaflet.

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