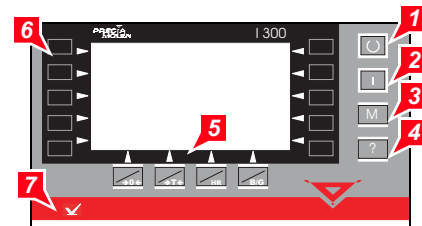


Design

Box

- ABS table mounted box
- Adjustable wall or column attachment kit, with necessary building-in kit
- Power supply by mains adaptor integrated into the box

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 indicator is a weighing terminal with advanced functions. Its multi-function graphic screen, its many peripherals and its configurable software enable you to customize your weighing station as a function of your application:

- simple weighing : reception, shipment, transport, etc.
- counting with or without tolerance check: inventory, packaging, etc.
- +/- check: sort, check shortage, etc.
- dosing: loading, unloading in Gross weight or in Net Weight with or without emptying
- unit conversion: density, volume, measurements, etc.

The I 300 terminal can manage up to two scales (second measurement board optional). It also enables multi-channel management of weighings.

It has an optional data saving system 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 terminal may be provided with a PC type keyboard and a bar code reader so that data can be input more quickly.

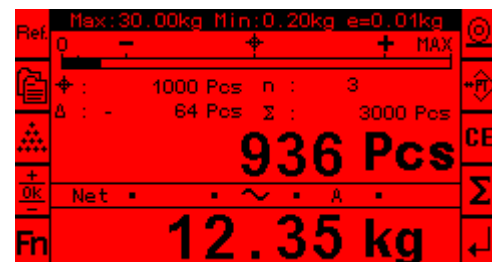
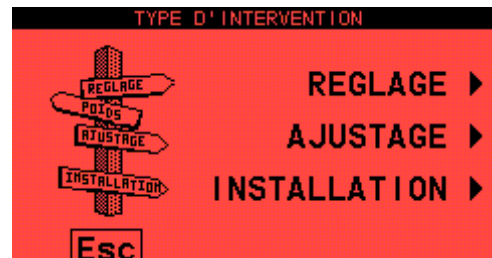
Metrological approval

- Test certificate issued by a notified body in accordance with the Directive 90/384/EEC relating to non automatic weighing instruments.

European directives

- Directive 89/336/CEE relating to *ElectroMagnetic Compatibility*
- Directive 73/23/CEE relating to *Low Voltage* equipment

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 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



Physical characteristics

- ▣ Dimensions
 - Width 218 mm
 - Height 212.1 mm
 - Depth 95.1 mm
- ▣ Overall dimensions on table mounting :
 - Width 218 mm
 - Height 157 mm
 - Depth 205 mm

Electrical characteristics

- ▣ Power supply by integrated mains adaptor :
 - Mains voltage 190 - 250 V
 - Frequency 50 - 60 Hz
 - Consumption 15 VA max.
- ▣ or 24 V DC.

Metrological characteristics

	ML	HML
▣ Precision class (Trade use only)	III et IV	-
▣ Input increment	0.5 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 impedance		
▣ Minimum	48 Ω	
▣ Maximum	1 000 Ω	
▣ Maximum load cell cable length	150 m	
▣ Error distributor pi factor	0.5	-

Multi-channel management:

- 3 logical channels: A, B, A+B.
- 2 physical channels A and B.

This operating mode requires a second measurer accessory module.

Environmental characteristics

- ▣ Temperature range
 - Operation - 10 °C / + 40 °C
 - Storage - 20 °C / + 60 °C
- ▣ Sealing and protection..... IP 54

Characteristics of files

- 2 reference files Capacity : 350 records.
 - code : 12 numeric characters
 - text : 20 alphanumeric characters

The second reference file allows to administer connections with the others files.

- 2 files that can be configured to suit the application , to enable the storage of units weights, loading set values, levels, tolerances Capacity : 100

code : 12 numeric characters
text : 20 alphanumeric characters

- 1 tare file Capacity : 100
- 2 free keyboarding of data areas (information 1 and 2)
- Totalizations :
 - Total by reference 1 and 2 on two levels (e.g : daily and monthly totals)

Data storage device (DSD) :

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

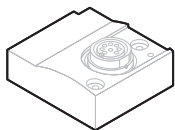
Values saves : DSD number, gross weight, tare, net, tare predetermined tare, printed weight type, weight type transmitted by protocol, unit, identification number.

Standard delivery contents

- ▣ Indicator with integrated mains power supply adaptor, measurement accessory, RS 232 serial connection accessory
- ▣ Operations documentation
- ▣ Din / Mini Din adaptor for PC keyboard
- ▣ 3 m measurement cable

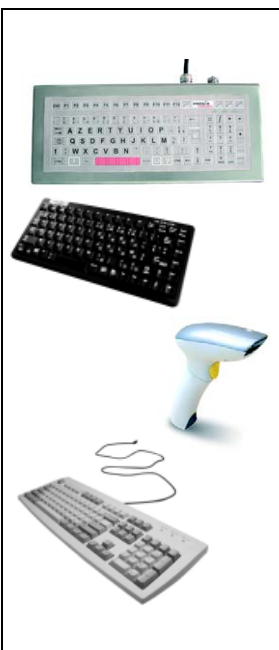
Options & Accessories

Interface accessories

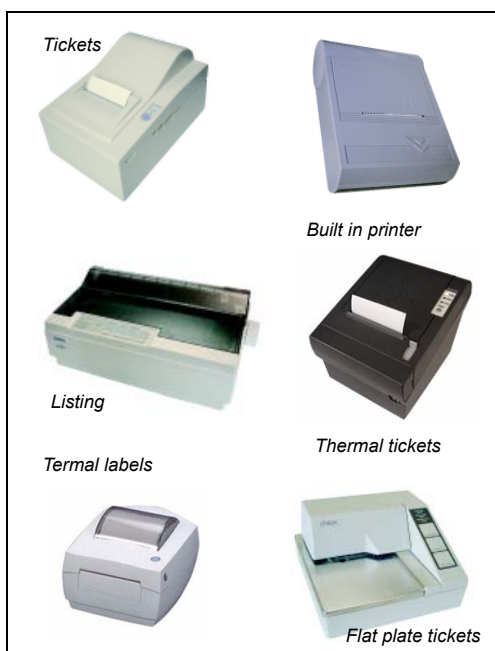


- Measurement board
- RS 232 connection
- RS 485 connection
- Digital inputs / outputs
- Analogue output
- Data Storage device. (DSD : 12 000 or 48 000 records).

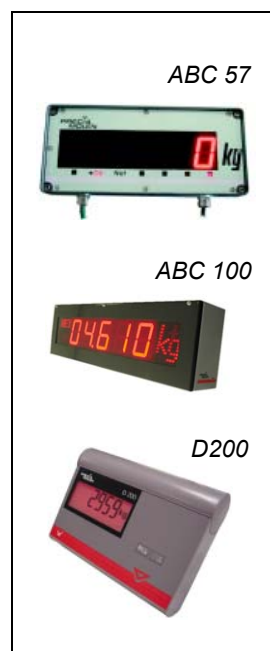
Keyboard (Azerty/Qwerty) and readers



Printers



Repeaters



Your weighing specialist

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

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@preciamoln.com

RCS : 386 620 165 RCS Aubenas

PRECIA MOLEN™