



I 200 M-D



I 200 B-D



I 200 BS-D



I 200 MS-D

### General

The I 200 terminals range is available in a digital version, compatible with PRECIA MOLEN load cells using the PM NET network.

Obviously, all these terminals have the same options and advantages as the analogue range.

All digital for instrumentation purposes provides assurance of risk free integration in industrial environments with particularly strict electromagnetic compatibility constraints.

Its modular aspect and its standard field bus (PMnet) architecture enable fast and easy development of this chain towards a complete system.

You also benefit from all the advantages related to this technology such as ease of adjustment and correction of angles, correction of the measurement (linearization curve and dynamic temperature compensation) for each load cell and simplified maintenance (viewing the status of each load cell from the terminal).

Cast aluminum Load cells and Junction boxes achieve IP 65 type seal (IP 68 for load cells) and provide perfect resistance to corrosion.

As an option, they are provided with a data storage system for recording all weighings made, thus avoiding the need to add a check printer (on line) on installations for which use is governed by regulations.

A complete range of interfaces, peripherals and accessories assures that complete integration into your existing installation is optimized.

### Metrological approval

- Test certificate LNE 01-03 and Test certificate LNE 02-03 .
- Mentioned in CE type approval certificate type X201-A, n° F-01-A-005

### European directives

- Directive 90/384/CEE relating to *Non-Automatique Weighing instruments*
- Directive 89/336/CEE relating to the *Electro-Magnetical Compatibility*
- Directive 73/23/CEE relating to *Low Voltage Equipment*

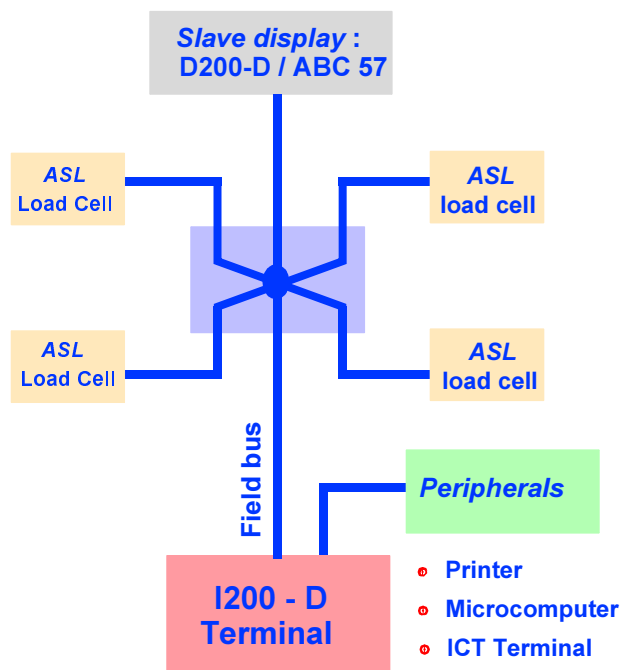
### System composition

- A sufficient number of stainless steel digital load cells (IP 68) with 30 t nominal capacity (ASL 30) or 50 t (ASL 50) for the application.
- One or several sealed and protected (IP 65) junction boxes (JB), each of which enables interconnection with one to eight load cells and the general interconnection (optional slave display).
- An I 200 TERMINAL that will perform elementary weighing functions, depending on the model, including reset to zero, tare, gross recall, printer, high resolution display, manual range selection W2, viewing data in the Data Storage Device, etc....

This basic composition may be complemented by :

- a slave display,
- a printer for a simple application,
- an ICT terminal (with weighing management applications),
- a PC microcomputer (with standard vehicle I/O application).

### Typical applications



**Metrological data**

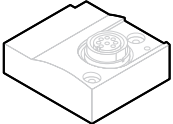
	<i>ML</i>	<i>HML</i>
■ Accuracy class (for Trade use only)	III	-
■ Maximum number of divisions :		
• single range	10 000	30 000
• dual range	2 x 10 000	-
■ Load cell excitation	5 V dc	
■ Load cell impedance		
■ Number of physical measurement channels	1 to 3 depending on the configuration	
■ Number of channels	7 (channels derived from the combination of three physical channels)	
■ Maximum number of load cells per channel	12	
■ Pi error distribution factor	0	

**Standard scope of supply**

- Indicator with integral power supply, PMNET module,
- User manual.
- Set of sealing parts.


**Options & Accessories**

■ Interfaces




- RS 232 connection
- RS 485 connection
- Digital inputs/outputs (2I/4O)
- Analogue output

■ Mounting parts




- ICT Terminal

■ Printers




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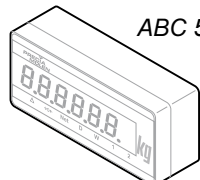
Built in  
P 100 printer



■ Slave displays



*D200*



*ABC 57*

■ Functional accessories

- Date and time module.
- Date and time module with Data Storage Device (DSD) for 12000 or 48000 saves.

■ Others

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

**Your weighing specialist**

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