

## IDL 55 Weight indicator



### Characteristics

**Weight indicator for any analog load cell and for Master K digital load cell.**

This indicator offers a graphic display :

LCD Graphic Display 320 x 240 pixels (118 x 89 mm), 6 digits of 15 mm for the weight, and a complete operator guide

Power supply by adaptor (12 VDC) not included

PC keyboard not included (depends on country)

**Multilingual indicator :**

- Arabic
- German
- English
- Farsi
- French

Management of printing pilot according to language selected

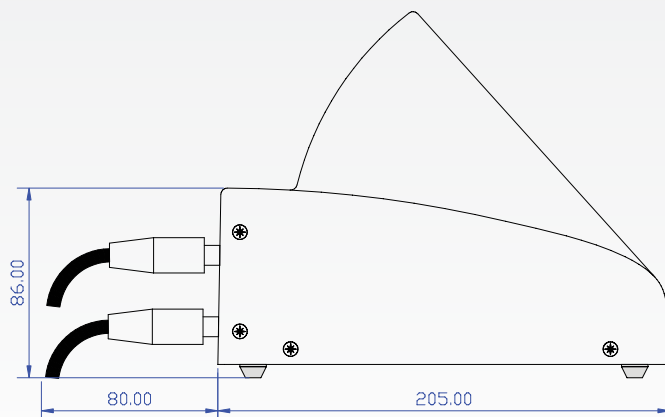
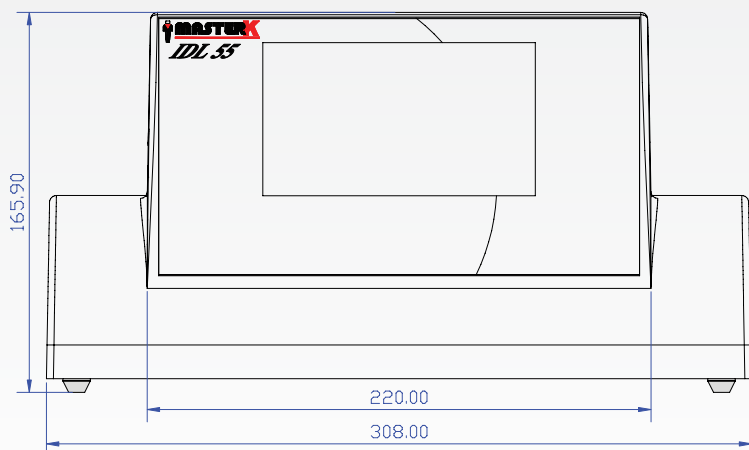
Two calendar types (Gregorian or solar Hejri)

Memory capacity > 23 000 data (including 16 300 weighings in the DSD)

Management of 10 files with data stored in memory

Weighing ticket configurable with calculated data

### Schema / Size



All dimensions in mm

## Specifications

### GENERAL

Power supply	12 Vdc (adaptor not included)
Consumption	20 VA max
EMC	According to EN 45 501 + OIML D11
Power supply for analog load cell	5 V square wave signal
Minimum load cell resistance	$\geq 45 \Omega$
Operating temperature range	-10 °/ +40 ° C
Storage temperature range	-20 °/ +60 ° C
Capacity of DSD (Data Storage Device)	Check software documentation
Weight of indicator (kg)	2,8
Packing (cm)	50 x 30 x 30
Gross weight (kg)	3,6

### LEGAL-FOR-TRADE METROLOGICAL CHARACTERISTICS (According to EN 45 501)

Maximum precision of weighing	6 000 divisions / class III
Internal resolution	1/10 of a division (60 000 tenths max.)
Minimum division input voltage	0,5 $\mu$ V
Measurement rate	60 to 180 measurements per second

### METROLOGICAL CHARACTERISTICS FOR INTERNAL USE (Free mode)

Maximum accuracy	50 000 scale divisions
Internal resolution	1/10 scale divisions (500 000 tenths max.)

## Benefits

- ▶ Multilingual (1 language at a time setted in factory)
- ▶ High management capabilities
- ▶ User friendly interface with graphic display and PC keyboard
- ▶ Possibility to manage self service terminals without a PC

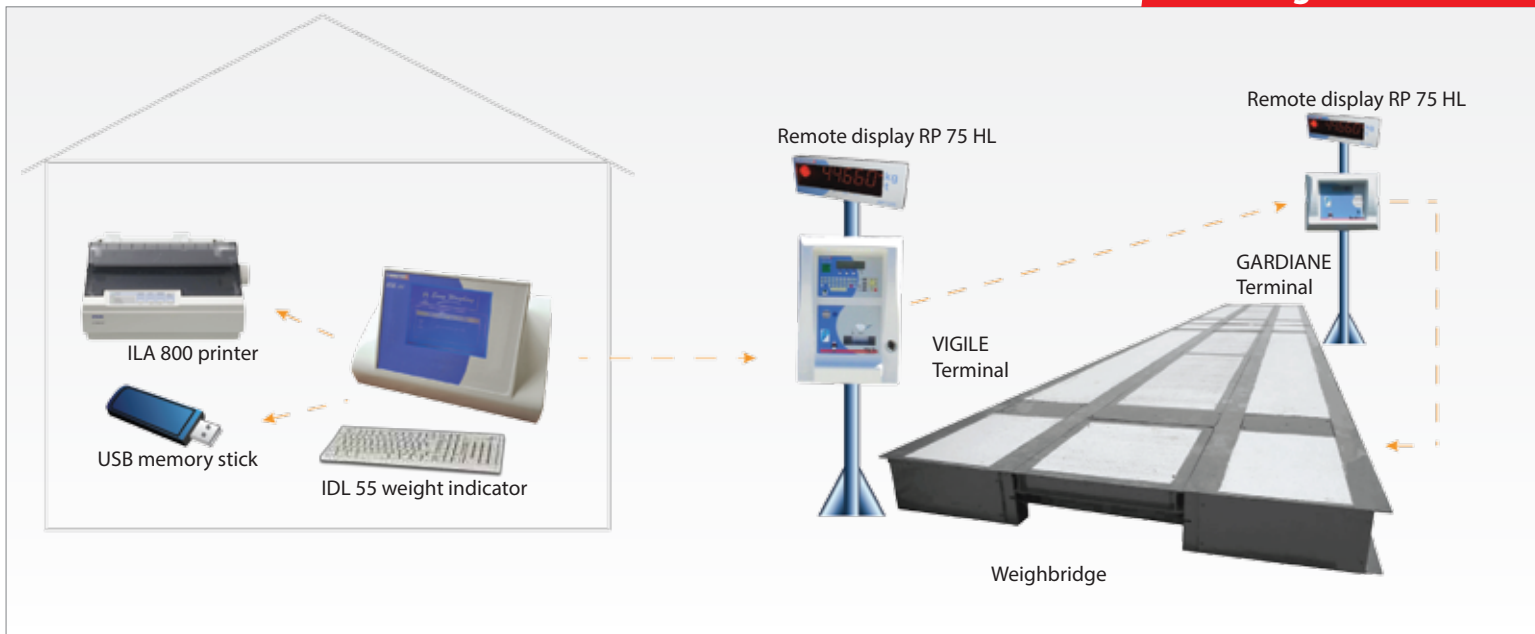
## Connections and peripherals

### Connections and peripherals :

- 1 input for PC keyboard (mini DIN) - (keyboard not included)
- 1 COM 1: RS232 (short distance : 10 m max) to connect PC or printer
- 1 parallel (LPT) port
- 1 analog input (analog load cells)
- 1 input for digital load cells or/and numerical Arpège Master K devices
- 1 COM 2 (option) : RS232 or RS485, or current loop, or Ethernet

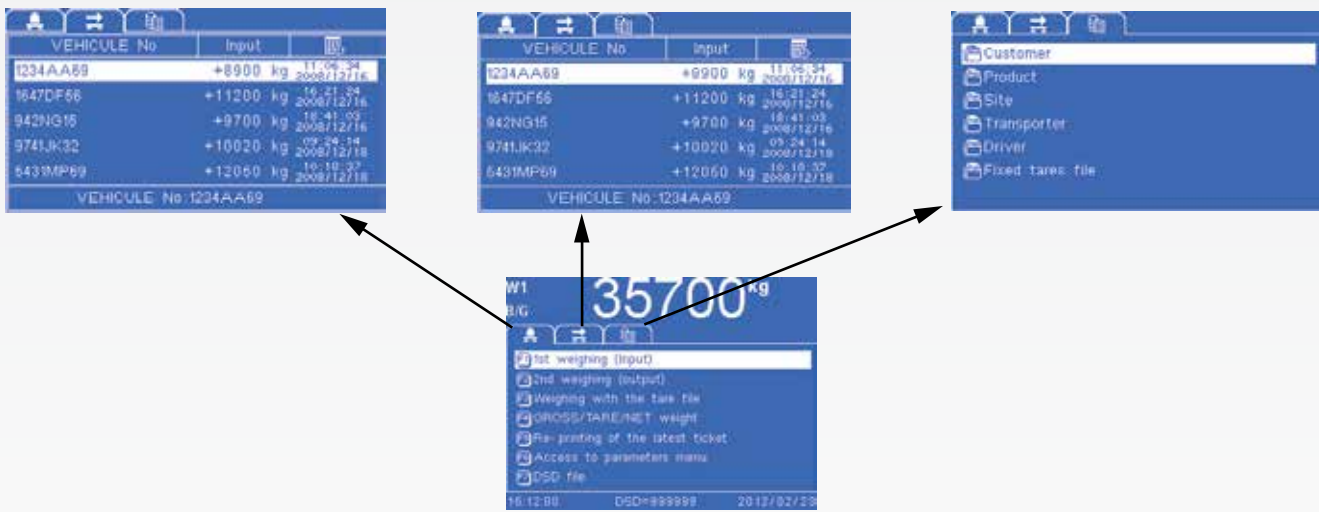
### Management of peripherals :

- 1 or 2 self service terminals
- 80 columns listing printer or 40 columns strip printer
- Master USB board option for USB memory stick



## SOFTWARE

The IDL 55 indicator equipped with its weighbridge software was conceived to offer the weighing functions on scales of weighbridges. User friendly, with direct access keys to the different functions.



### Management :

The weighbridge/ scale software disposes of :

- 10 files
- 2 digital references of 16 characters
- 2 computable numeric references of 8 digits
- 4 weighing modes :
  - Manual tare
  - Semi-automatic
  - Tare file
  - Weigh in/ Weigh out system (Input/Output)
- Standard or configurable ticket layout
- Simple totals on the files 1, 2, 3 and 4
- Crossed totals between the files 1, 2, 3 and 4

## Files :

### File n°1 :

Name : 16 characters maximum  
Size : 1 000 records  
Structure : - **Call code on 6 digits**  
- Label on 21 characters

### File n°3 :

Name : 16 characters maximum  
Size : 1 000 records  
Structure : - **Call code on 3 digits**  
- Label on 21 characters

### File n°4 :

Name : 16 characters maximum  
Size : 1 000 records  
Structure : - **Call code on 3 digits**  
- Label on 21 characters

### File n°5:

Name : 16 characters maximum  
Size : 1 000 records  
Structure : - **Call code on 3 digits**  
- Label on 21 characters

### Fixed tares file:

Size : 1 000 records  
Structure : - Reference on 10 characters  
- Tare value on 6 digits  
- Badge code on 5 digits  
- Value of the GVWR on 6 digits  
- Code of file n°1 on 6 digits  
- Code of file n°2 on 3 digits  
- Code of file n°3 on 3 digits  
- Code of file n°4 on 3 digits  
- Code of file n°5 on 3 digits  
- Value of the simple data n°1 on 6 digits  
- Value of the simple data n°2 on 6 digits

### File n°2 :

Name : 16 characters maximum  
Size : 1 000 records  
Structure : - **Call code on 3 digits**  
- Label on 21 characters

### Overload file :

This file allows the traceability of the last fifty overloads that occurred on the weighbridge  
Size : 50 records  
Structure : - Date on 6 digits  
- Time on 6 digits  
- Value of the overload

### Operator file :

This file is used for the sessions management.  
Size : 10 records  
Structure : - **Call code on 2 digits**  
- Operator name on 16 characters  
- Utilization rights on 1 digit (Operator or Administrator)  
- Connection code on 4 characters

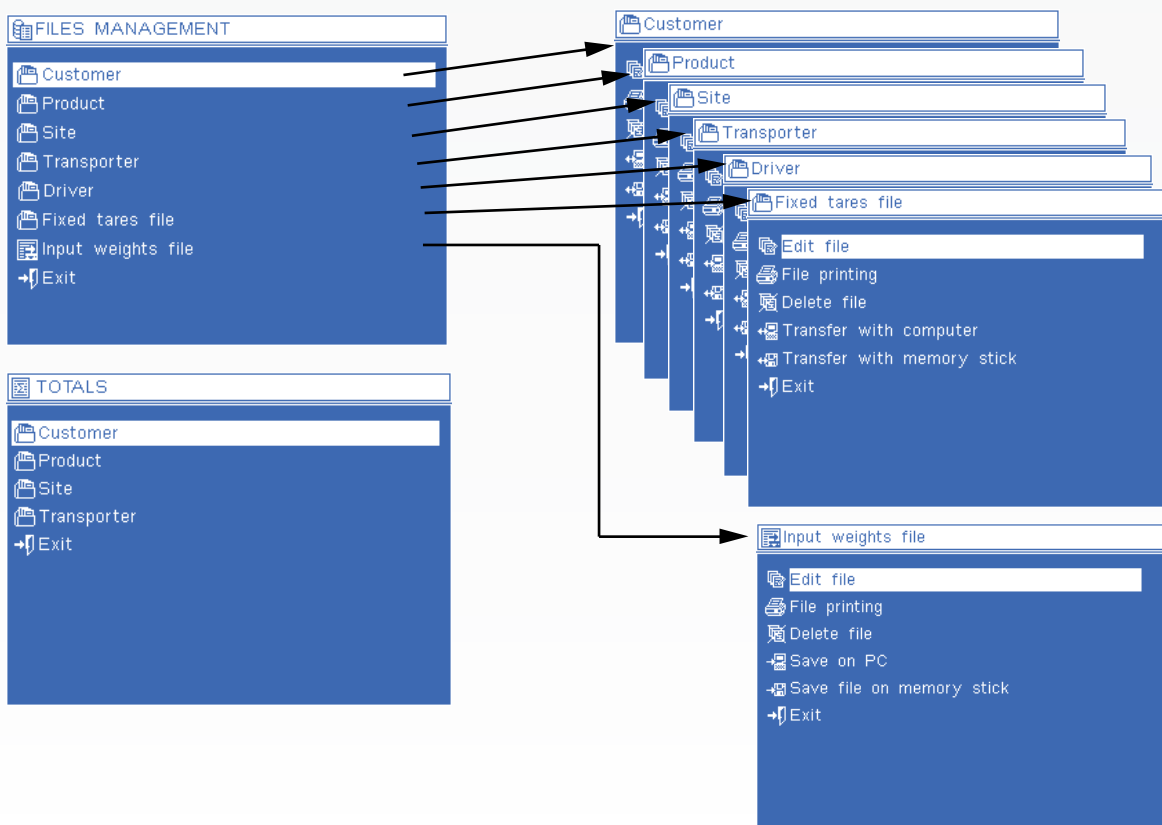
### File of the input weights (vehicles in and not out yet)

This file is enabled in case the weight in/ weight out system is selected.  
Size : 300 records

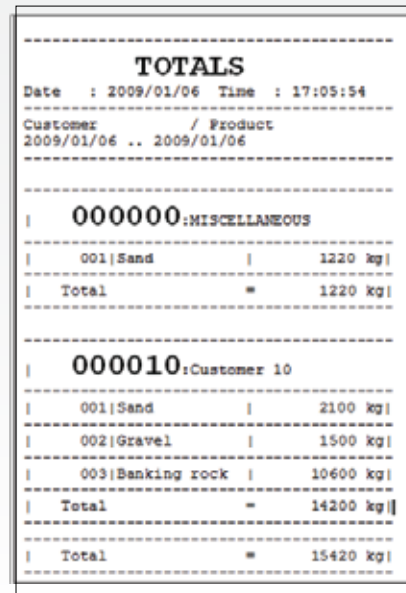
### DSD file :

Size : 16 300 weights  
Structure : - DSD n° on 6 digits  
- Date on 6 digits  
- Time on 4 digits  
- Vehicle number on 10 characters  
- Code of file 1 on 6 digits  
- Code of file 2 on 3 digits  
- Code of file 3 on 3 digits  
- Code of file 4 on 3 digits  
- Value of the simple data n°1 on 6 digits  
- Gross on 5 digits  
- Tare on 5 digits  
- Net on 5 digits  
- Status of the weight on 1 digit  
- Code of the operator file on 2 digits

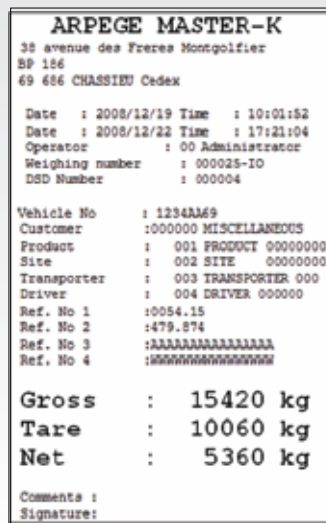
## Easy access to files



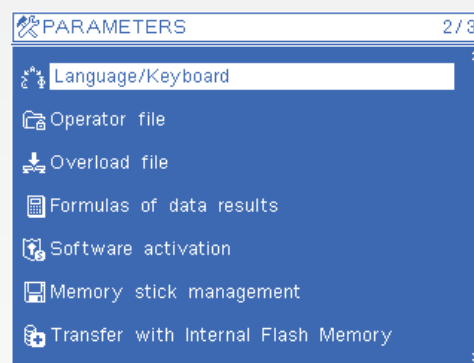
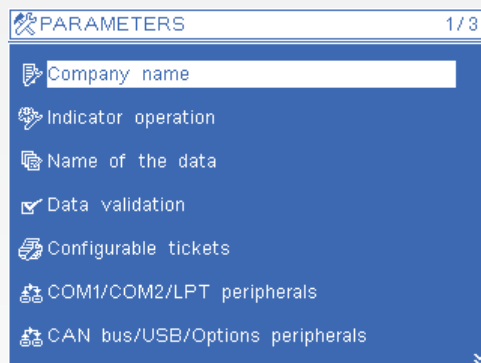
## Totals



## Ticket weighing : Basic or full

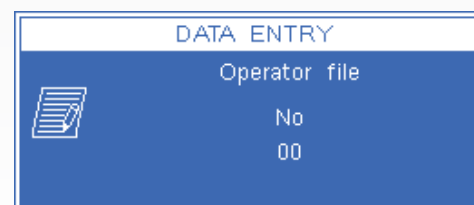
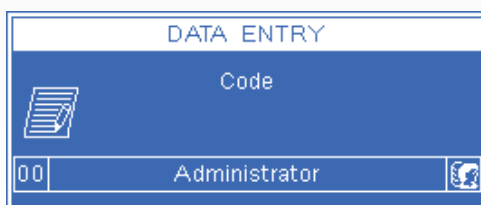


## Maintenance/ Setting mode

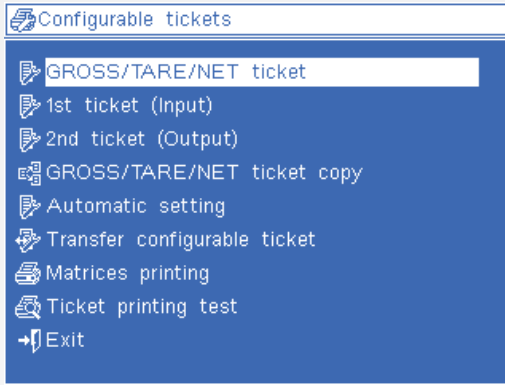


## Session operator management through password with operation tracability

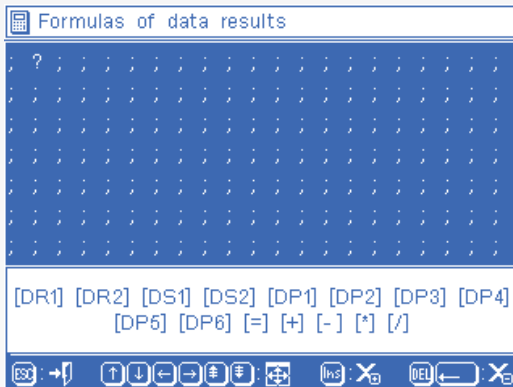
User friendly setting



## Customised ticket

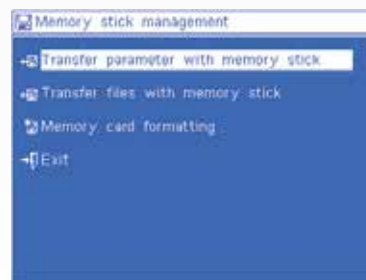


## Customised ticket with calculated data



## Saving and back up of data (including setting of the indicator)

Saving on USB memory stick: calibration and parameters.  
 Saving files (> 23 000 data)  
 Transfer weighing file in text format (to be able to work on PC)



Your contact