



Continuous weighing control

For the safety of fire-extinguishing equipments



Pesaje



 **aguilera**
extinción

AEX/CPC, Continuous weighing control



safety, guarantee and reliability in fire-extinguishing equipments

The Continuous weighing system AEX/CPC of Aguilera Extinción is the first digital equipment in the market. This equipment has been designed by the R&D Department in our parent company (Aguilera Electrónica), it is based on technology of traction extensometric load cell and electronic circuit with microprocessor and display. The display has four characters showing the bottle weight (allowance+load).

Through audible and light alarms it is able to detect:

- Weight loss
- Faults in the equipment.
- Signals in another weighing control unit connected to it.

Easy installation and handling and low maintenance costs, make this unit be the perfect complement in order to guarantee proper performance of the fire-extinguishing equipments through the use of gas agents.

Led for correct load
Lit when the weight of the bottle is correct.

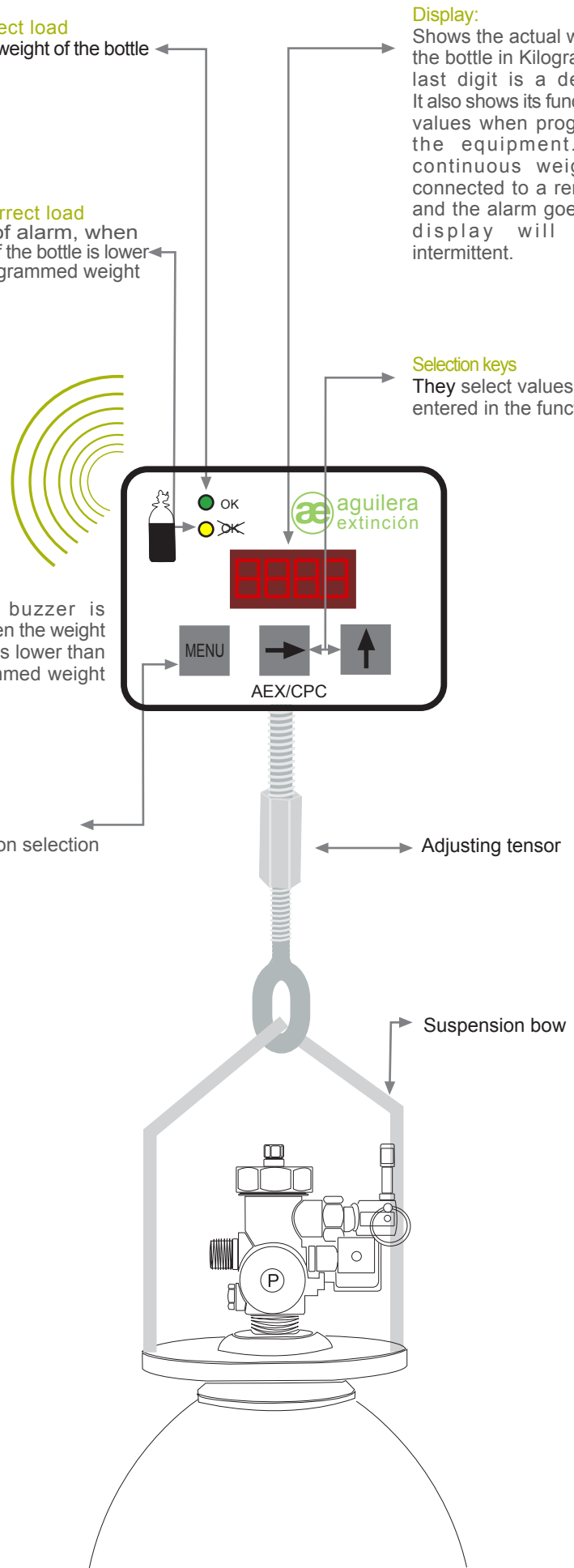
Led for incorrect load
lit in case of alarm, when the weight of the bottle is lower than the programmed weight of the alarm.

Display:
Shows the actual weight of the bottle in Kilograms (the last digit is a decimal). It also shows its functions and values when programming the equipment. If the continuous weighing is connected to a remote unit and the alarm goes off, the display will remain intermittent.

Selection keys
They select values to be entered in the functions .

Buzzer
The alarm buzzer is activated when the weight of the bottle is lower than the programmed weight of the alarm.

Menu keys
For function selection



main advantages

Easy to install

The simple installation of the equipment needs a short time. It is carried out by fixing both ends of the screwed rod into a suspension bow and the bottle fixing support. Then, the height of the bottles is adjusted by turning a tensor.

Versatility

The same unit, with no modifications needed, meets all the possibilities of installation in autonomous bottles or batteries (possible to be connected among them independently of the type, order or weight of bottles)

Connection to existing installations

Its easy installation and adaptability allow these units to be mounted side by side or autonomous bottles already installed. In this way, the old installations multiply their profitability as maintenance costs are drastically reduced and control and safety increase.

Easy to program

One of the advantages better valued by technicians is how easy our continuous weighing equipments are programmed. By only using three keys, all functions are activated in some minutes. Once programmed, the weight of the bottles is known at every moment and any reduction is detected immediately thanks to the audible and light alarms. They also warn about any irregularity produced due to disconnection of any equipment, lack of feeding or faults detected in the equipment itself (weighing devices).




Low maintenance high performance

Its installation means an important save in cost and time as no special maintenance is required.



Continuous weighing equipments of Aguilera Extinción only need to be recalibrated every 10 years, matching up with the periodicity demanded by the Regulations on pressure devices (AP7) for hydraulic tests. In this way, demounting periodically the attachment fittings of the bottles for load checking is not required.

1 Press the "MENU" key.




2

1. Enter the key 8191 by using the arrow keys




Select digit Digit up

Safety key programmed from the factory for programming access.






3

Press the "MENU" key.




4 Adjust the alarm level by using the arrow keys




Alarm level = Total weight of the bottle + Load weight - 5% of the load weight. The number to be entered should have 3 integer numbers and a decimal number.

Example: For a bottle with 100 Kg weight and a load of extinguishing agent of 50 Kg. the alarm level is: $100+50-2.5= 147.5$






5

Press the "MENU" key twice.




6 Select the sound option by using the arrow keys. The alarm buffer can be selected or not.






7

Press the "MENU" key twice.




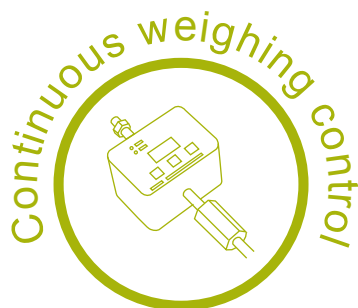
8 Change the key number by using the arrow keys.



9

Press the "MENU" key.





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