

Certikin



Meeting Group



Certikin

**N
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K**

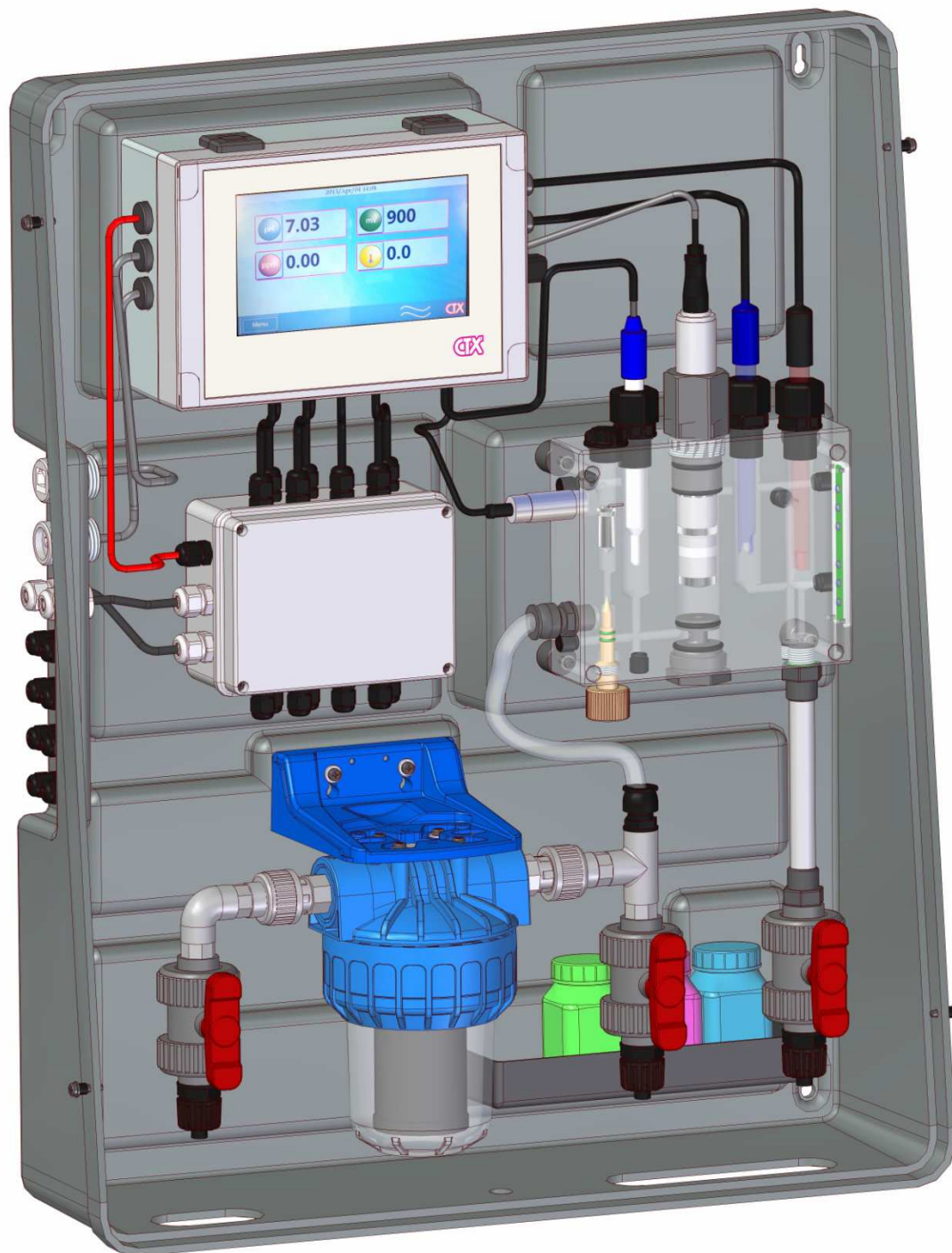
GUARDIAN NEXT



Certikin

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GUARDIAN NEXT

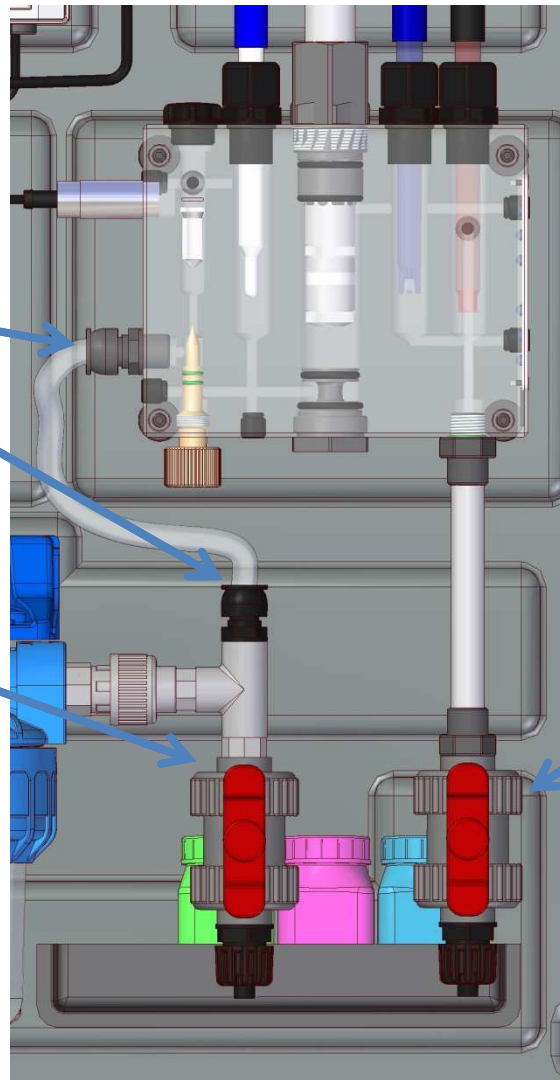
NUEVO PORTA SONDA



**Conexion
rapida por el
tubo 8x12**

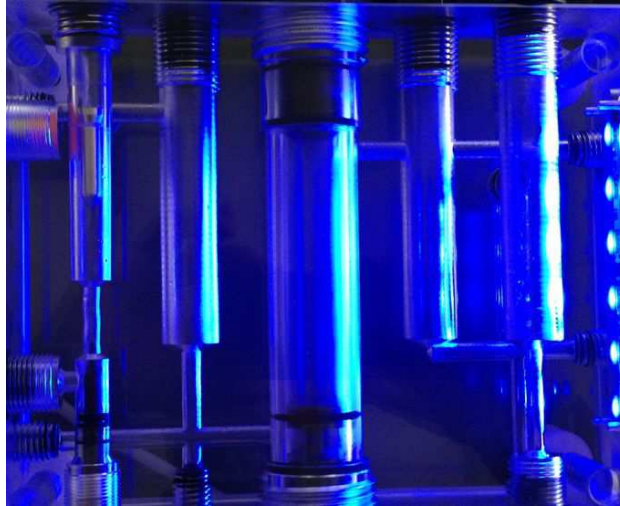
**Salida de
mustra de
agua**

**Salida de
agua**



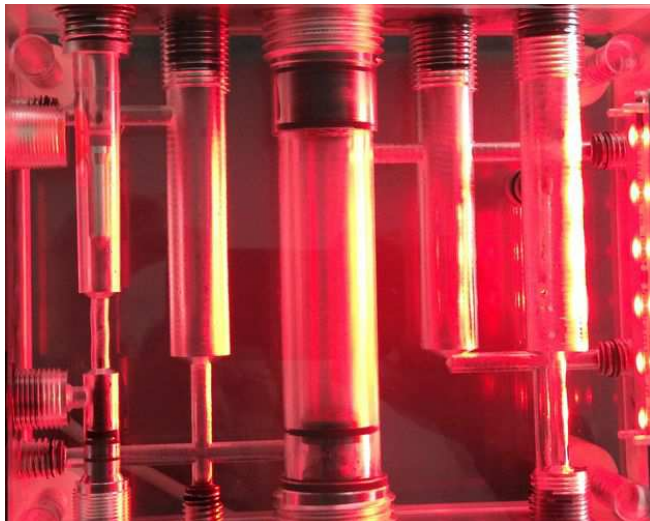


GUARDIAN NEXT

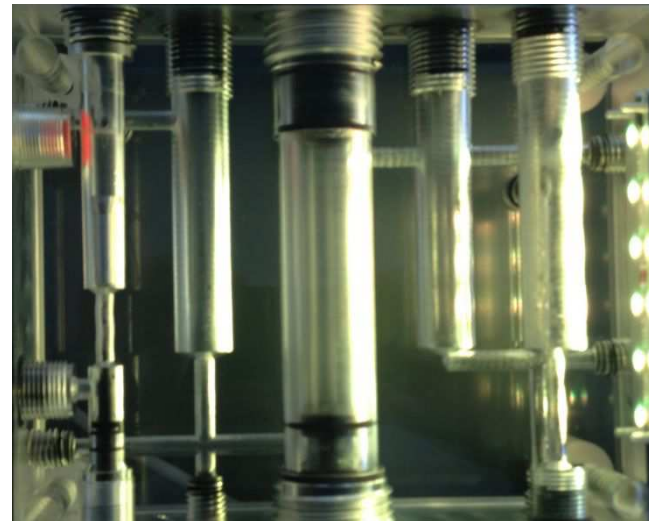


**Centralita
que
trabaja
bien**

Centralita in alarma

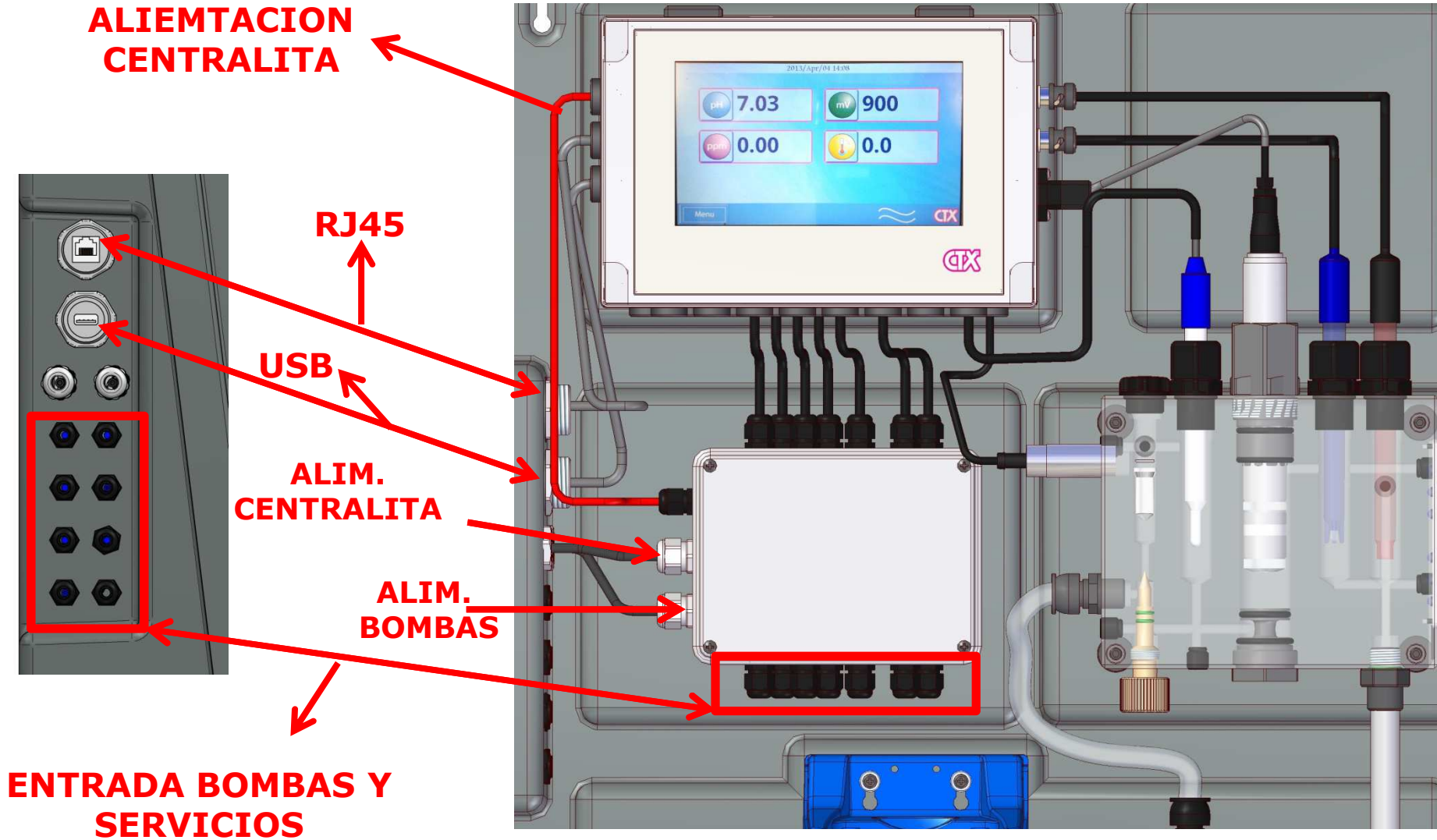


Centralita sin flujo





GUARDIAN NEXT





GUARDIAN NEXT



**Alimentacion
centralita**

Rj45

USB



pH

RX

CI



GUARDIAN NEXT



Alimentados



4 salidas alimentadas

**Salida
Alarma**

2 salidas mA



GUARDIAN NEXT



- **Pantalla táctil de 7"**
- **Led azul/rojo/amarillo que ilumina el Portasonda en relación de alarma (rojo) o buen estado de funcionamiento (azul) o falta de flujo (amarillo).**
- **Nuevo Portasonda**
- **Caja que incluye todo el panel**



GUARDIAN NEXT



- **Las características de programación son los mismos del Guardián 2013.**
- **Esto significa menos curso de formación para los clientes.**
- **Novedad:**
 - 1. Dosificación proporcional por tiempo por la bomba CLSS ON-OFF**
 - 2. Rele que trabaja en relación a la medida de temperatura**



GUARDIAN NEXT



¿Cómo funciona la dosificación proporcional por la CLASS ON_OFF

Se trata de una dosificación por tiempo.

Los parametros por el ajuste de la proporcionalidad son:

- Amplitud de la zona de proporcionalidad
- Percentage de trabajo al set point
- Amplitud en segundos de el tiempo de trabajo

Por ejemplo, set point 7 pH, amplitud de la zona de proporcionalidad 1 pH, percentage de trabajo al set point 30%, amplitud de el tiempo de trabajo:

pH 7

30 segundos de trabajo y **70** segundos parada

pH 7,5

65 segundos de trabajo y **35** segundos parada

pH 8

100 segundos de trabajo y **0** segundos parada



GUARDIAN NEXT



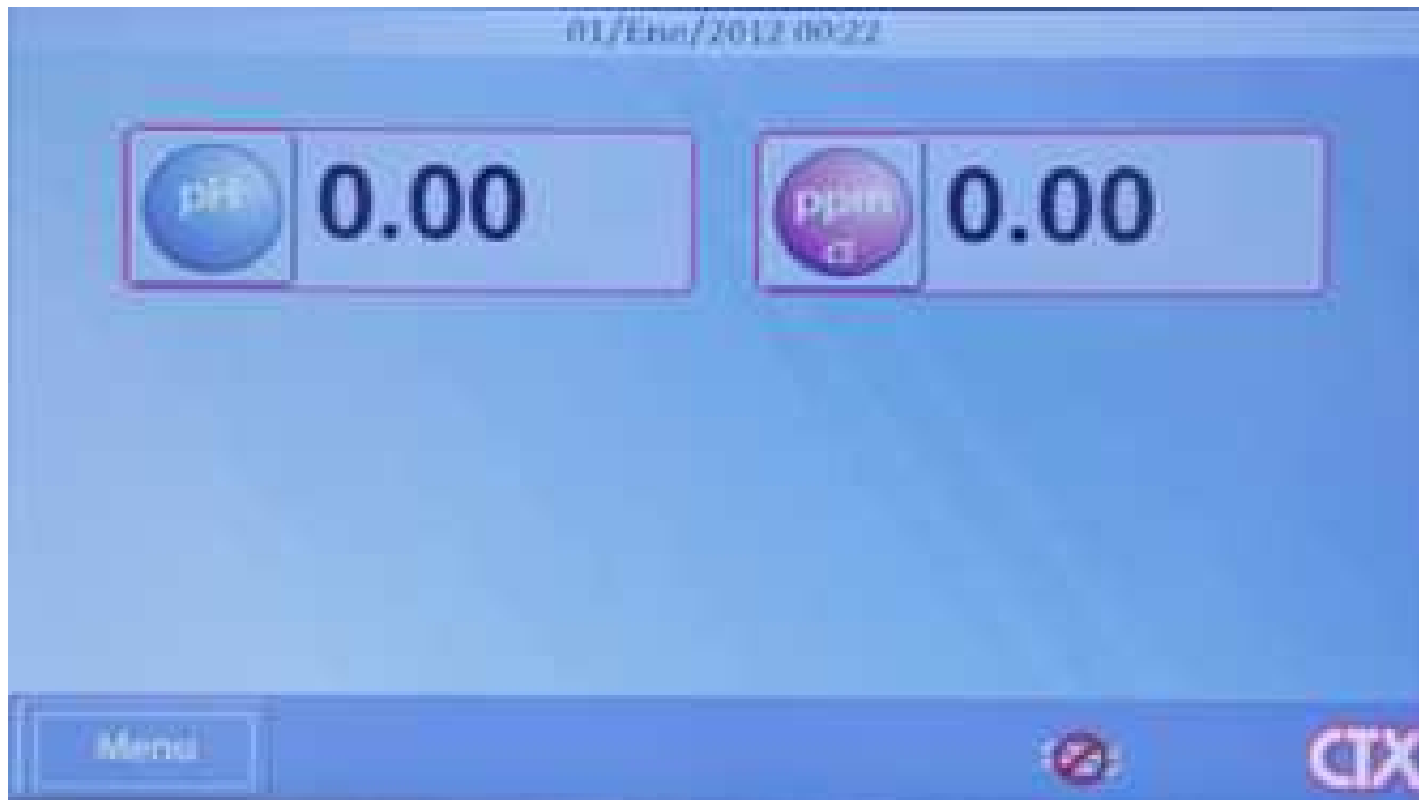
Dimension





GUARDIAN NEXT

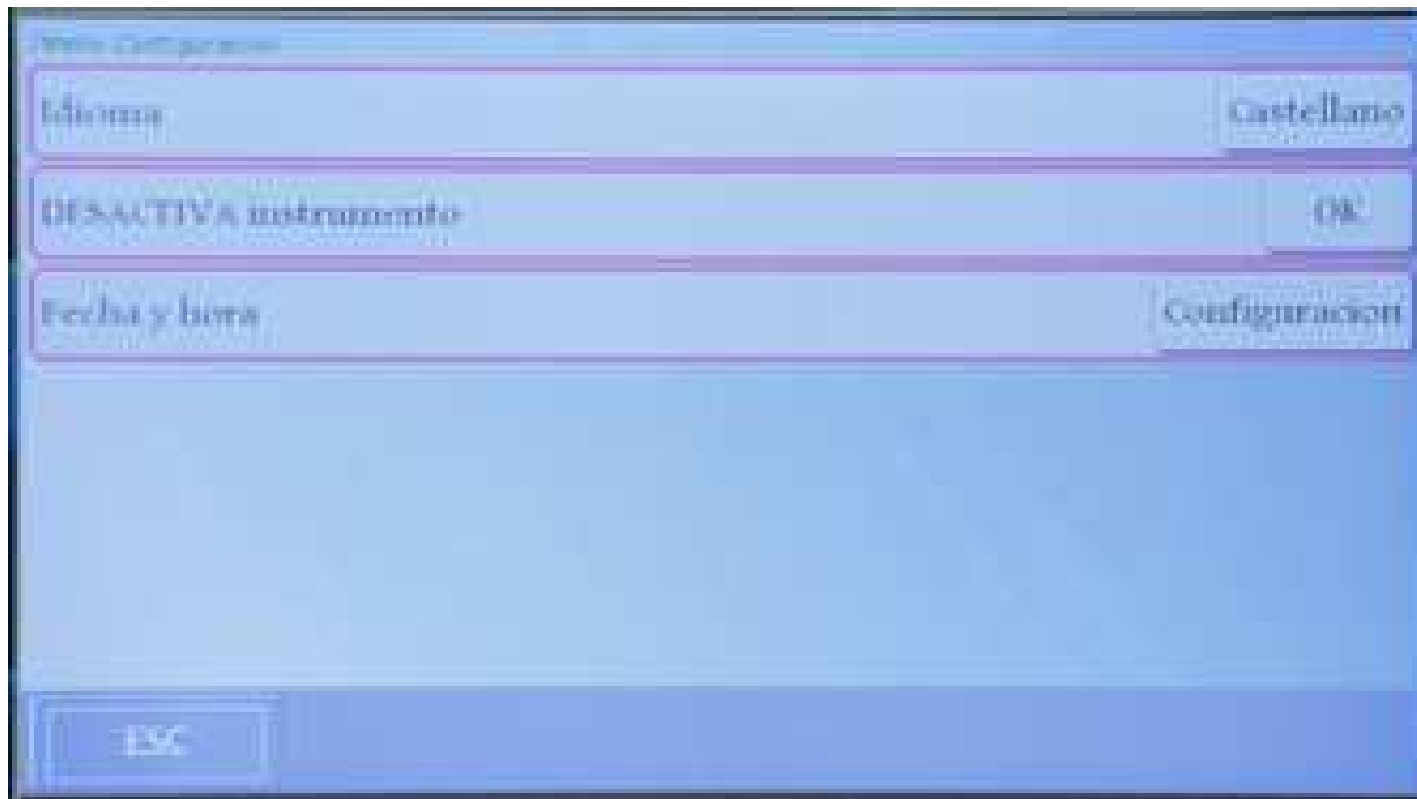
MENU BASICO





GUARDIAN NEXT

MENU BASICO





GUARDIAN NEXT

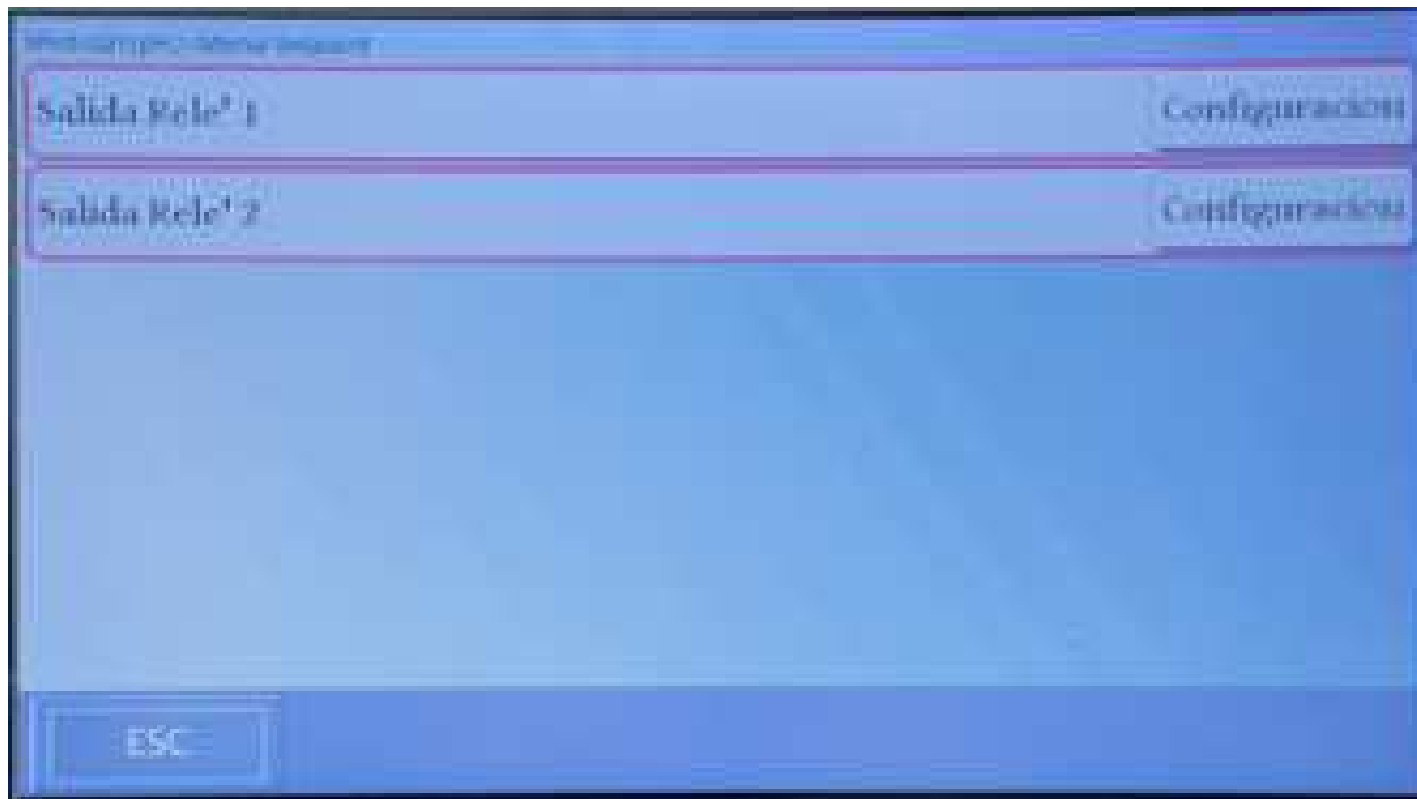
MENU BASICO





GUARDIAN NEXT

MENU BASICO





GUARDIAN NEXT

MENU BASICO



Medida y tipo de densificación		Densificación ACIDA ON/OFF
Valor del Setpoint		2.20
Cebado		ON

ESC



GUARDIAN NEXT

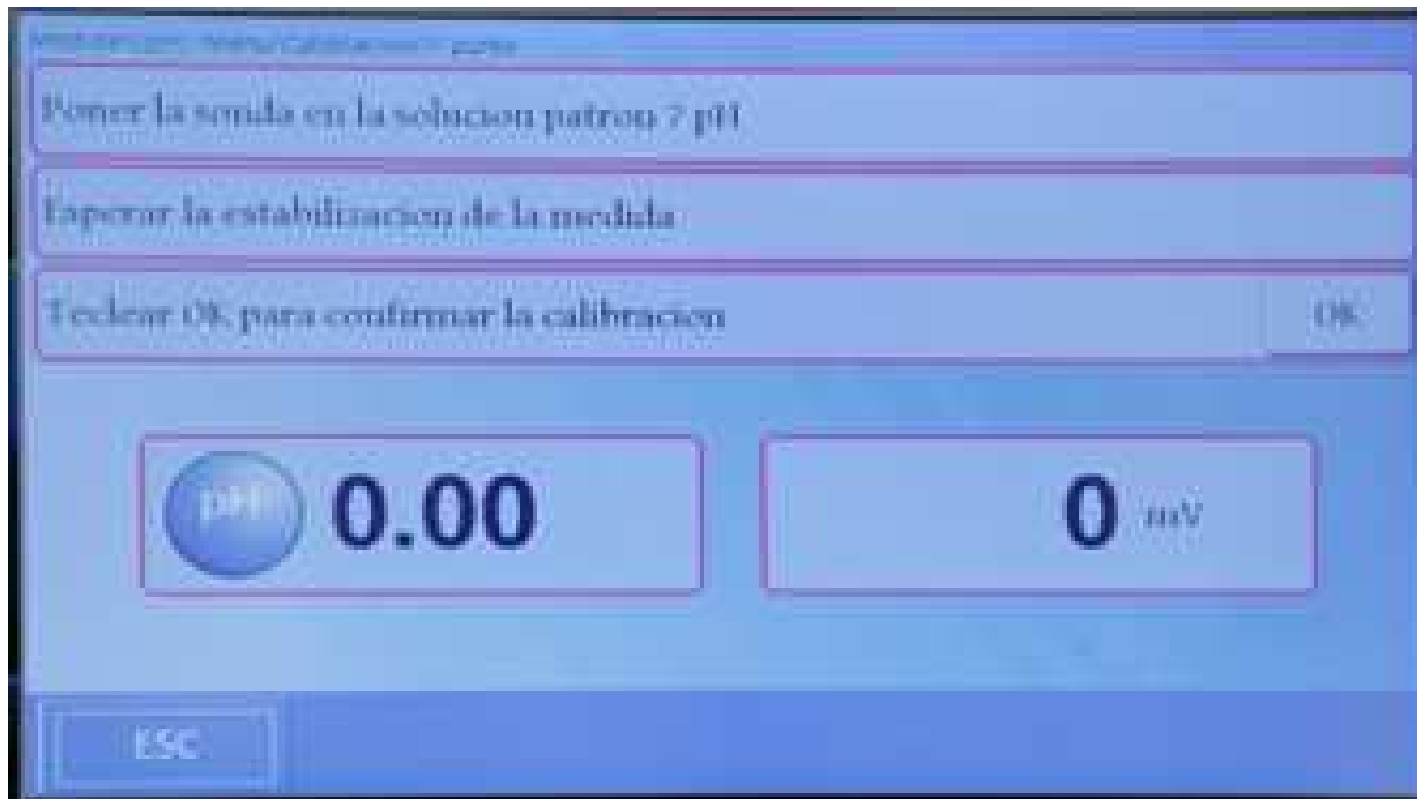
MENU BASICO





GUARDIAN NEXT

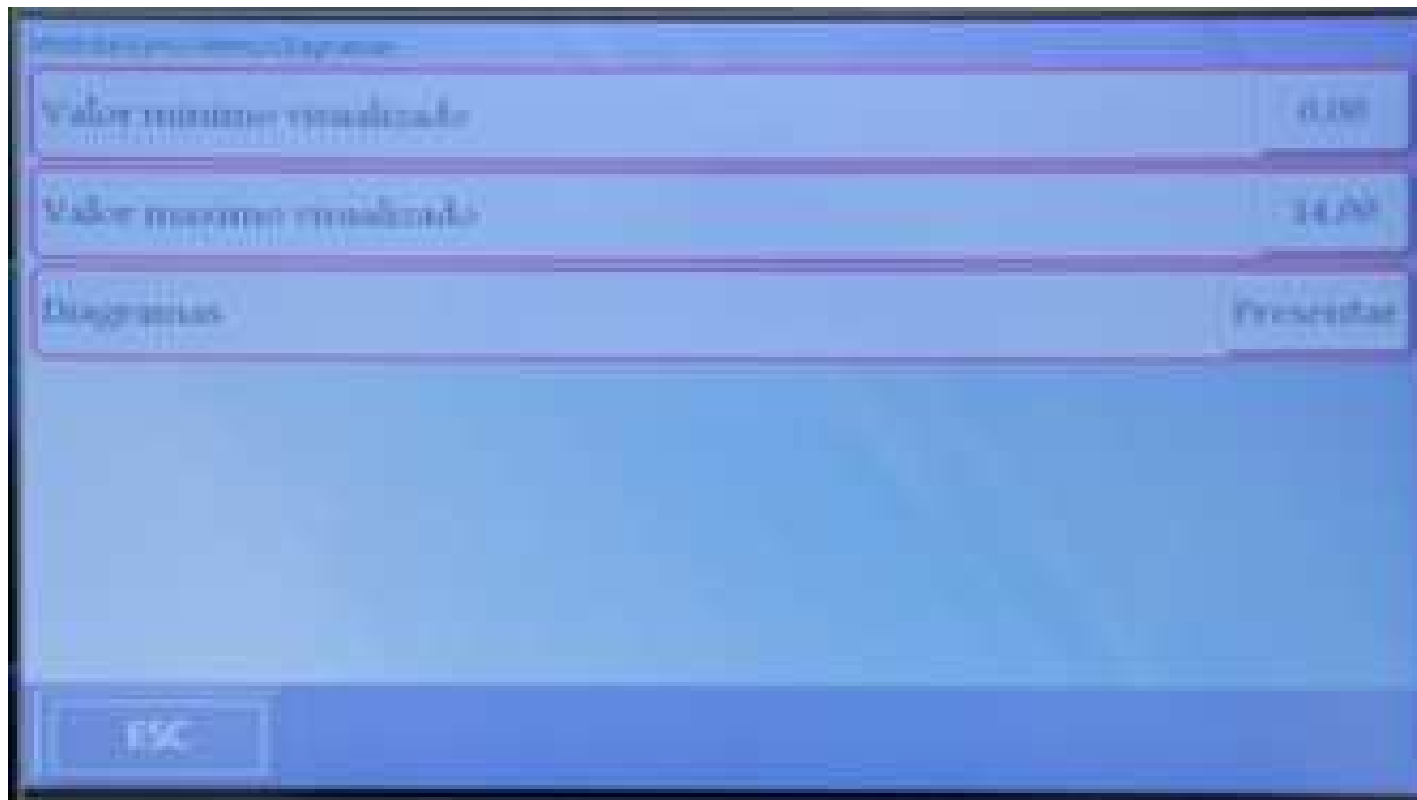
MENU BASICO





GUARDIAN NEXT

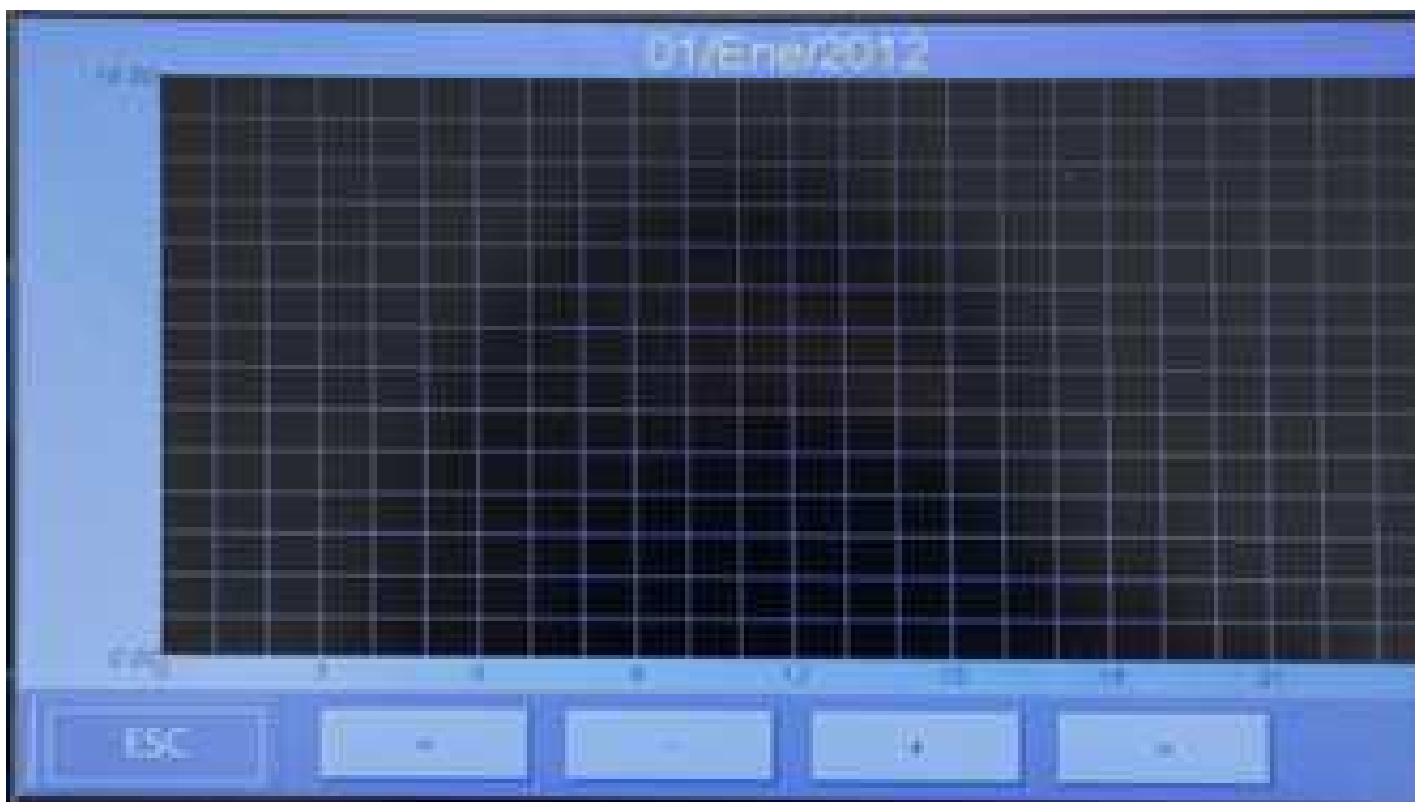
MENU BASICO





GUARDIAN NEXT

MENU BASICO





GUARDIAN NEXT

MENU EXPERTO





GUARDIAN NEXT

MENU EXPERTO



Dom 01/Ene/2012 23:48

pH 7

ppm
cl 1

Teclear contraseña

1	2	3	C
4	5	6	CE
7	8	9	ESC
.	0		OK

Poner un numero entre 0y 9999

Menu

CTX



GUARDIAN NEXT

MENU EXPERTO





GUARDIAN NEXT

MENU EXPERTO



Medida1 (pH) / Menu

Tipo de medida	pH
Setpoint	Configuracion
Calibracion	Configuracion
Alarmas	Configuracion
Retraso de medida (s)	0
Diagramas	Configuracion

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1 (pH) / Menu / Setpoint

Setpoint 1 (Relay 1)	Configuracion
Setpoint 2 (Relay 2)	Configuracion
Setpoint 3 (4-20mA 1)	Configuracion
Setpoint 4 (4-20mA 2)	Configuracion
Nuevo Setpoint	Configuracion

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1(pH) / Menu/Setpoint / 1'Rele' (OUT1)

Medida y tipo de dosificación	Dosificación ACIDA ON/OFF
Valor de Setpoint	7.20
Histeresis	0.10
Retraso de medida	3
Cebado	OK

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1(pH)/Menu/Setpoint/1'Rele' (OUT1)

Medida y tipo de dosificacion	Dosificacion ACIDA proporcional
Valor de Setpoint	7.20
T ON/ T Ciclo (%)	20
T Ciclo (s)	300
Amplitud area de proporcionalidad	0.60
Cebado	OK

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1(pH)/Menu/Setpoint/1'4-20mA (mA1)

Medida y tipo de dosificación	Grabador
Valor de medida @ 4 mA	0.00
Valor de medida @ 20 mA	14.00

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1 (pH) / Menu

Tipo de medida	pH
Setpoint	Configuracion
Calibracion	Configuracion
Alarmas	Configuracion
Retraso de medida (s)	0
Diagramas	Configuracion

ESC



GUARDIAN NEXT

MENU EXPERTO



Medida1(pH)/Menu/Alarmas

Alarma de sobredosificacion	0
Alarma de minimo	0.00
Alarma de maximo	14.00

ESC



GUARDIAN NEXT

MENU EXPERTO





GUARDIAN NEXT

MENU EXPERTO



Medidas(T) / Menu

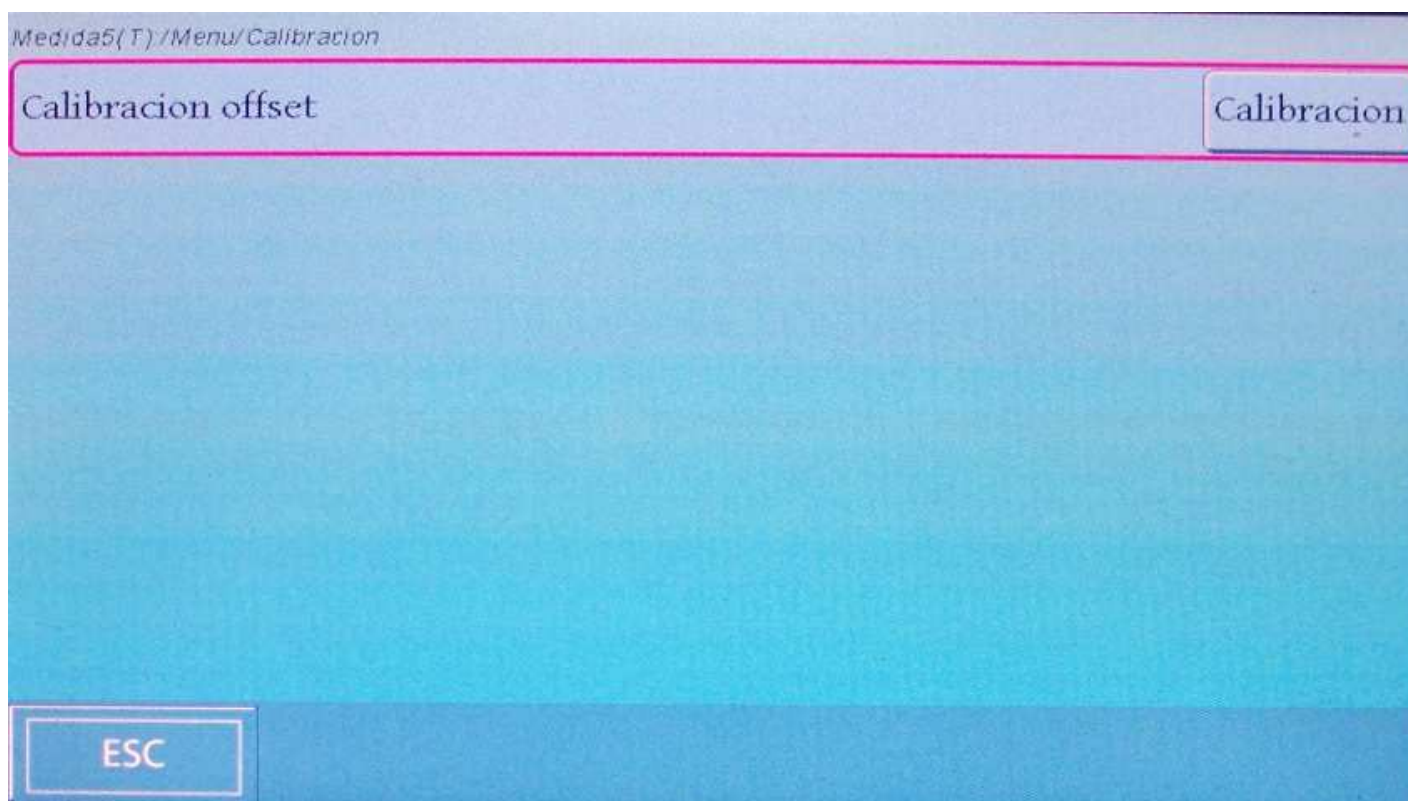
Tipo de medida	T pt100
Setpoint	Configuracion
Calibracion	Configuracion
Alarmas	Configuracion
Retraso de medida (s)	0
Diagramas	Configuracion

ESC



GUARDIAN NEXT

MENU EXPERTO





GUARDIAN NEXT


MENU EXPERTO



Medida5(T)/Menu/Calibracion/1° punto

Esperar la estabilizacion de la medida

Teclear OK para confirmar la calibracion

 **0.0**

1025 mV



GUARDIAN NEXT

MENU EXPERTO



/Menu Configuracion

Idioma	Castellano
DESACTIVA instrumento	OK
Fecha y hora	Configuracion
LAN	Configuracion
Habilitar contraseña de usuario	Desactivado
Salidas AUX	Configuracion

ESC



GUARDIAN NEXT

SALIDAS AUX



/Menu Configuracion/Salidas Aux

Salida Aux No.	<input type="text" value="4"/>	<input type="text" value="6"/>	<input type="text" value="7"/>	<input type="text" value="8"/>	<input type="text" value="9"/>		
Activado	<input type="text" value="Si"/>	Programa no.	<input type="text" value="1"/>	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="4"/>	
Dias habilitados	<input type="text" value="Lu"/>	<input type="text" value="Ma"/>	<input type="text" value="Mi"/>	<input type="text" value="Ju"/>	<input type="text" value="Vi"/>	<input type="text" value="Sa"/>	<input type="text" value="Do"/>
Ing.Flujos	<input type="text" value="Ignorado"/>	Dejar dosification	<input type="text" value="No"/>				
Hora de inicio	<input type="text" value="00:00:00"/>	Duracion	<input type="text" value="00:00:00"/>				
<input type="text" value="ESC"/>							



GUARDIAN NEXT

LAN

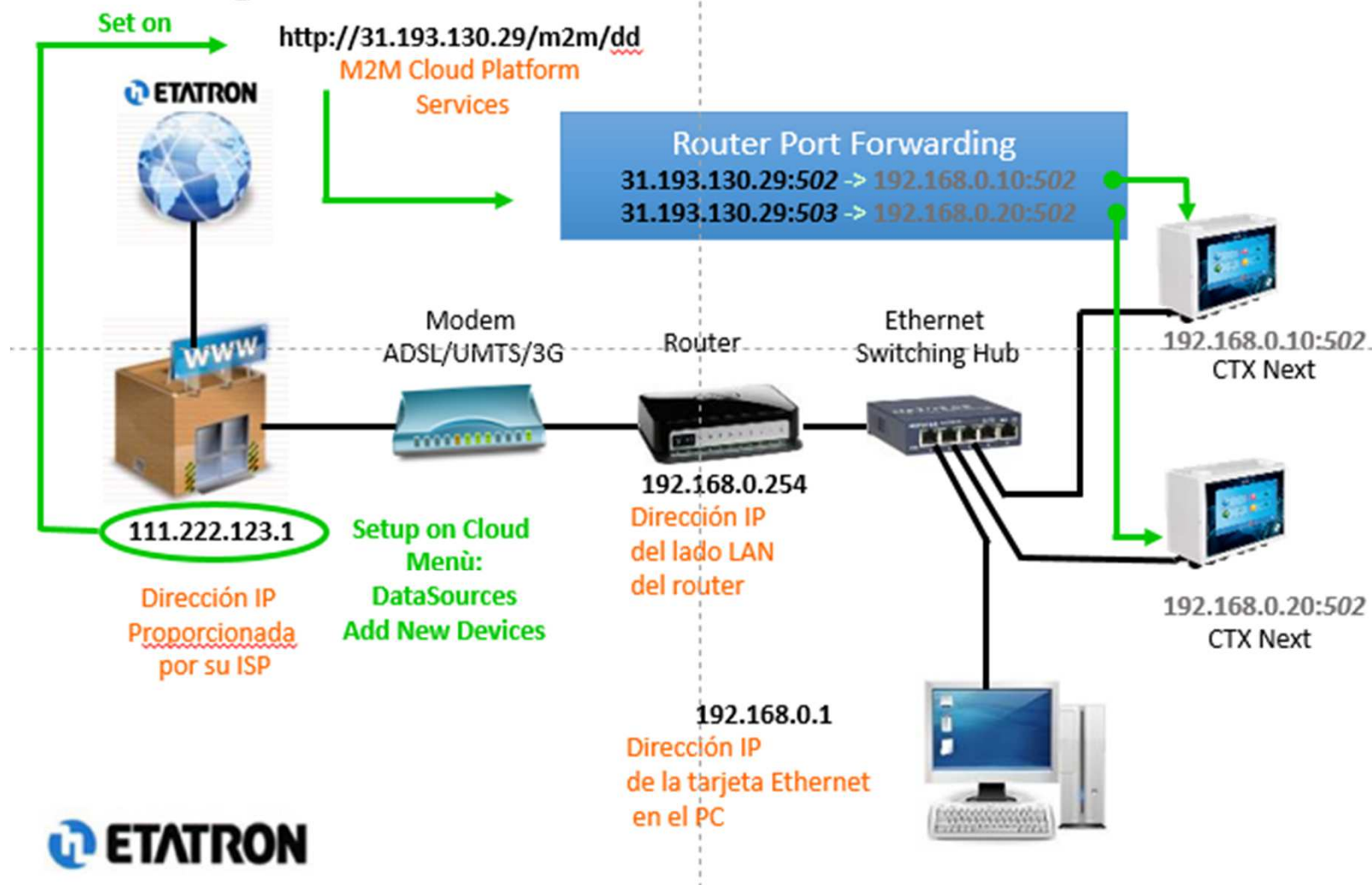


/Menu Configuración/LAN

IP Address	0.0.0.0
Gateway Address	0.0.0.0
Net Mask	255.255.255.0

ESC

Configuración del router





GUARDIAN NEXT

LAN

A screenshot of a login interface for "Login M2M Real Time Dashboard". The interface is displayed on a dark blue background. It features a central white box containing the following elements:

- The title "Login M2M" in a large, white, sans-serif font.
- The subtitle "Real Time Dashboard" in a smaller, white, sans-serif font.
- A "Login" label followed by a white input field.
- A "Password" label followed by a white input field.
- A blue "Login" button.
- A copyright notice "(C) 2014" in the bottom right corner.



GUARDIAN NEXT

LAN



Dealer:

Vuoi memorizzare la tua password per 31.193.130.29? [Causa del messaggio](#)

(C) Certikin

100%

17:08
13/02/2015



GUARDIAN NEXT

LAN



The screenshot shows a web browser window displaying the CTX M2M Dashboard. The browser's address bar shows the URL `http://31.193.130.29/etatron/dd/menu_experto/menu_`. The page features a blue header with the CTX logo and a login status: "Login: User75HFi Friday, 13 February 2015". A navigation menu includes "Devices", "Datasources", "Administrative Configuration", and "Logout". On the left, a sidebar lists "STATUS Devices List" and "Configuration Devices List". A central modal window titled "Status Devices User List" displays the message "Records not found". At the bottom, a Windows taskbar shows the system tray with the date "17:08 13/02/2015" and a Windows 7 taskbar with various application icons. A Windows security notification is visible at the bottom of the browser window, asking to save the password for the current site.



GUARDIAN NEXT

LAN



The screenshot shows a web browser window displaying the M2M Dashboard. The address bar shows the URL http://31.193.130.29/etatron/dd/menu_experto/menu_experto.php#. The page features a blue header with the CTX logo on the left and the login information "Login: User75HF1" and "Friday, 13 February 2015" on the right. Below the header is a navigation menu with the following items: "Devices", "Datasources", "Administrative Configuration", and "Logout". The "Devices" menu is expanded, showing sub-items: "Add New Devices" and "Remove Devices". A modal window titled "Status Devices User List" is displayed in the center, containing the text "Records not found". The footer of the page includes the text "Dealer:" on the left and "(C) Certikin" on the right. The Windows taskbar at the bottom shows the system tray with the date "13/02/2015" and time "17:09".



GUARDIAN NEXT

LAN



The screenshot shows a web browser window displaying the M2M Dashboard. The address bar shows the URL http://31.193.130.29/etatron/dd/menu_experto/menu_.... The page features a blue header with the CTX logo on the left and the user login information "Login: User75HFj" and the date "Friday, 13 February 2015" on the right. Below the header is a navigation bar with icons and labels for "Devices", "Datasources", "Administrative Configuration", and "Logout". A dropdown menu is open under "Administrative Configuration", showing options: "Change Password", "Edit User", and "Add New User". A modal window titled "Status Devices User List" is displayed in the center, containing a table with the message "Records not found". The footer of the page includes "Dealer:" on the left and "(C) Certikin" on the right. The Windows taskbar at the bottom shows the system tray with the time "17:10" and date "13/02/2015".



GUARDIAN NEXT

LAN



The screenshot shows a web browser window displaying the M2M Dashboard. The address bar shows the URL http://31.193.130.29/etatron/dd/menu_experto/menu_. The page features a blue header with the CTX logo and a navigation menu with items: Devices, Datasources, Administrative Configuration, and Logout. A login status in the top right corner indicates 'Login: User75HF' on 'Friday, 13 February 2016'. The main content area is a dark background with water droplets, and a modal window titled 'Add Users' is open. This modal contains several form sections: 'Login', 'Name', and 'Email' fields; 'Password' and 'Confirm Password' fields; a 'Zone' section with a table for Company, Country, Area, Region, and City; 'User Administration Priviledges' with radio buttons for Active, Create User Priviledge, User Expert, and Set Priviledge; and 'Operators Email' with six input fields for Email Operator 1 through 6. A 'Required field' note and an 'Add' button are at the bottom of the modal. The Windows taskbar at the bottom shows various application icons and the system tray with the time 17:11 and date 13/02/2015.



GUARDIAN NEXT

LAN



Back

Network parameter

ESELECT B4 TEST DEVICE

IP address 2.117.144.182

Device setup

Base Setup

Dump Memory

Google Maps

Measure Graph

pH	Redox	Cl 0-20 ppm	Cl 0-20 ppm(T)	Generic 0-20 ppm	Temperature (SENSOR)
Actuators Status Led	Actuators Status Led	Actuators Status Led	Actuators Status Led	Actuators Status Led	Actuators Status Led
out1 mA1	out3 mA2		out7 mA4	out9 mA5	
●	●		●	●	
out2					
●					
AL	AL	AL	AL	AL	AL
●	●	●	●	●	●

Legend I/O: ● Installed ● Activated ● No Alarm ● Alarm

Realtime system



GUARDIAN NEXT

LAN



Create Device

Add

Users

Dealer group * User * Categories **Edit**

TCP/IP Parameters		Device type			
IP address *	Port *	Name *	Alias *	Serial number *	Note
<input type="text" value="127.0.0.1"/>	<input type="text" value="502"/>	<input type="text" value="Eatron eSelect B4"/>	<input type="text" value="eSelect B4 test device"/>	<input type="text" value="000000000"/>	<input type="text" value="put here any additional information"/>

Geolocation			Networking setup	
Site *	Date *		Timeout in msec *	Retries *
<input type="text" value="put here the installation site"/>	<input type="text" value="02/25/2014"/> <input type="text" value="mm/dd/yyyy"/>		<input type="text" value="900"/>	<input type="text" value="2"/>
Latitude *	Longitude *		Override data every *	
<input type="text" value="put here the site gr"/>	<input type="text" value="put here the site gr"/>		<input type="text" value="5"/> <input type="text" value="years"/>	
Timezone *			Discard delay in ms *	
<input type="text" value="(GMT +1:00 hour) Brussels, Copenhagen, Madrid, Paris, Rome"/>			<input type="text" value="2,200"/>	

Data acquisition		Device time sync	
Interval logging *	Polling interval *	Time synch	
<input type="text" value="15"/> <input type="text" value="minutes"/>	<input type="text" value="1"/> <input type="text" value="minutes"/>	<input type="text" value="every week"/>	
Logging action			
<input type="text" value="instant"/>			

* Required field


Realtime system Update



GUARDIAN NEXT

LAN



 **Update Device**

Save Back

Users

Company Dealer group User Categories Edit

TCP/IP Parameters **Device type**

IP address Port Name Alias Serial number Note

Geolocalization **Networking setup**

Site Date mm/dd/yyyy
Latitude Longitude Timeout in msec Retries
Timezone Override data every years
Discard delay in ms

Data acquisition **Device time sync**

Interval logging minutes Polling interval minutes Time synch
Logging action

* Required field


Realtime system Update









GUARDIAN NEXT

LAN



 **Measure# 1** pH

Device: eSelect B4 test device Installation Site: via dei Ranuncoli, 12

 Set Point  Set Point  Set Point  Set Point  Set Point  Set Point

Set Point Relay

Type relay	Used channel	Point value	Hysteresys
ON-OFF Inverse <input type="button" value="v"/>	out 01	7.2	0.1

Delay (sec)

3

Set Point TTL

Type TTL

Not Used

Set Point 4-20 mA

Type 4-20 mA

Not Used

Alarm Thresholds


Lower threshold	Upper threshold	Overdosing (min)
7	14	0



GUARDIAN NEXT

LAN



 **Base configuration**

Reload defaults | Time synch | Set | Exit

Firmware Revision

1.5

Zone

Date	Time	Timezone
25/01/2012	00:55:12 hh:mm:ss	CET +1 hours

setup_device

Language

Operational state

Password enable

User password

Certikin



FIN

4 Abril 2013