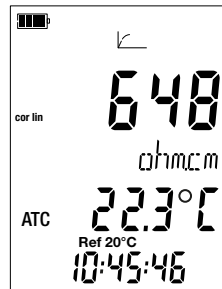
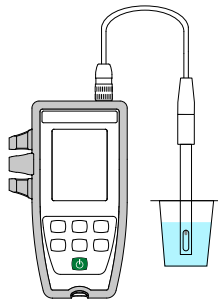
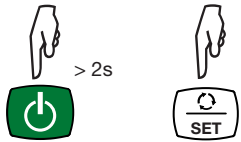
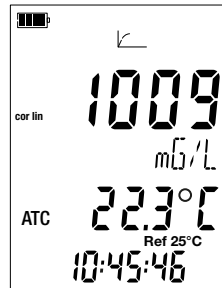
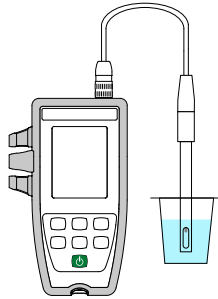
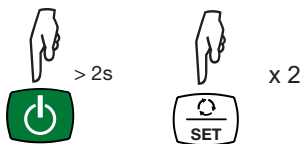


MESURE DE RÉSISTIVITÉ

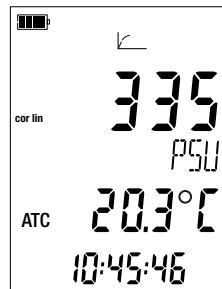
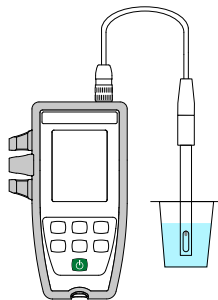
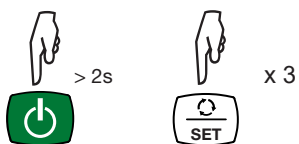


4

MESURE DE TDS



MESURE DE SALINITÉ



FRANCE
Chauvin Arnoux Group
190, rue Championnet
75876 PARIS Cedex 18
Tél : +33 1 44 85 44 85
Fax : +33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com

INTERNATIONAL
Chauvin Arnoux Group
Tél : +33 1 44 85 44 38
Fax : +33 1 46 27 95 69

Our international contacts
www.chauvin-arnoux.com/contacts

Mesurer pour mieux Agir



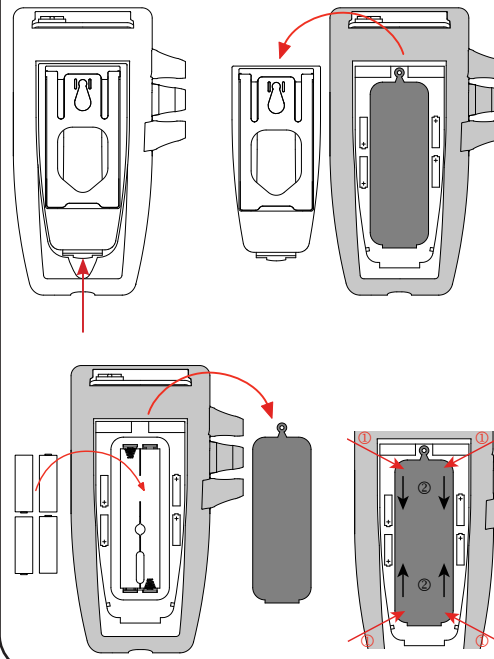
NOTICE DE FONCTIONNEMENT

Rendez-vous sur notre site Internet pour télécharger la notice de fonctionnement de votre appareil et de votre cellule : www.chauvin-arnoux.com

Allez dans l'onglet **Produits** et effectuez une recherche avec le nom de votre appareil. Une fois l'appareil trouvé, allez sur sa page. La notice de fonctionnement se trouve sur la droite. Téléchargez-la.

Procédez de même pour la cellule de conductivité.

MISE EN PLACE DES PILES



LOGICIEL DATA LOGGER TRANSFER

Rendez-vous sur notre site Internet pour télécharger la dernière version du logiciel d'application : www.chauvin-arnoux.com

Allez dans l'onglet **Support**, puis **Télécharger nos logiciels**. Effectuez ensuite une recherche avec le nom de votre appareil.

Téléchargez le logiciel puis installez-le sur votre PC.

TOUCHES

Touche	Fonction
	Touche Marche / Arrêt (appui long)
MEM REC	<ul style="list-style-type: none"> MEM : un appui court pour enregistrer la mesure et la température. REC : un appui long pour démarrer ou arrêter un enregistrement.
	<ul style="list-style-type: none"> : un appui court pour choisir le type de mesure : la conductivité, la résistivité, le TDS ou la salinité. SET : un appui long pour modifier le paramétrage des mesures : l'unité de température, la correction en température, la température de référence, le facteur TDS. Un deuxième appui long pour sortir du paramétrage des mesures.
	Rétroéclairage.
CAL END	<ul style="list-style-type: none"> CAL : un appui court pour consulter les paramètres d'étalonnage et lancer un étalonnage. END : un appui long pour terminer l'étalonnage.
 	<ul style="list-style-type: none"> Un appui court pour régler la température en MTC ou les paramètres en mode SET. Un appui long pour choisir la solution étalon pendant l'étalonnage.

ÉTAT DE LIVRAISON

Le conductimètre C.A 10141 est livré dans une mallette de transport avec :

- Une cellule de conductivité avec sonde de température intégrée XCP4ST1.
- Quatre piles alcaline AA ou LR6.
- Une gaine de protection montée sur l'appareil.
- Une solution étalon de conductivité 1408 µS/cm.
- Un bécher.
- Un cordon USB - micro USB.
- Une dragonne.
- Des guides de démarrage rapide (un par langue).
- Une attestation de vérification.

PARAMÉTRAGE DES MESURES

1

The diagram illustrates the process of setting the temperature unit and reference temperature. It starts with the power button being held for more than 2 seconds, followed by the 'SET' button. The screen shows 'SET' and 'TEMP' options. Pressing the up arrow leads to 'SET COR.' with a display of '0.00' and '°C'. Pressing the down arrow leads to 'REF' with a display of '77.0°F' and 'Ref 25°C'. Pressing the up arrow leads to 'TDS' with a display of '0.67'. Pressing the down arrow and then the 'SET' button for more than 2 seconds completes the setup.

MESURE DE CONDUCTIVITÉ

3

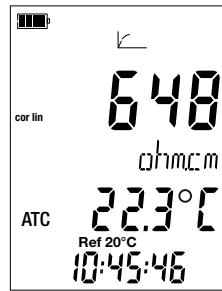
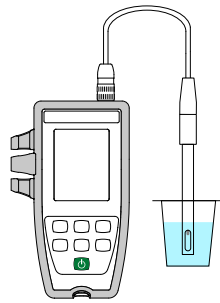
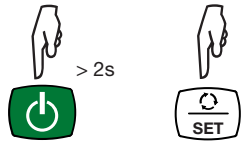
The diagram illustrates the steps to measure conductivity. It starts with the power button being held for more than 2 seconds. The device is then shown with the conductivity probe in a beaker of water. The screen displays 'cor lin 1426', 'mS/cm', 'ATC 22.3°C', 'Ref 20°C', and '10:45:46'.

ÉTALONNAGE

2

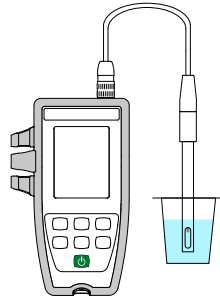
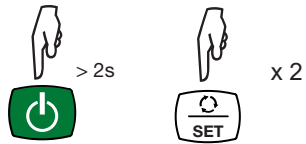
The diagram illustrates the steps to calibrate the conductivity probe. It starts with the device and probe in a beaker of water. Pressing the 'CAL END' button leads to a screen showing '1000' and 'cm⁻¹'. Pressing the 'CAL END' button again leads to a screen showing 'cor lin 1470', 'CAL SET 1 μS/cm', 'ATC 22.3°C', 'Ref 20°C', and '10:45:56'. Pressing the up arrow leads to a screen showing 'cor lin 1408', 'CAL SET 2 mS/cm', 'ATC 22.3°C', 'Ref 20°C', and '10:46:06'. Pressing the down arrow leads to a screen showing 'cor lin 1416', 'CAL SET mS/cm', 'ATC 22.3°C', 'Ref 20°C', and '10:46:16'. Pressing the 'CAL END' button leads to a screen showing '0.542' and 'cm⁻¹'.

RESISTIVITY MEASUREMENT

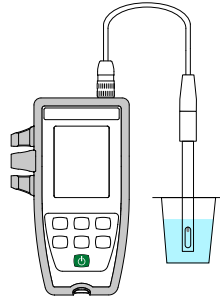
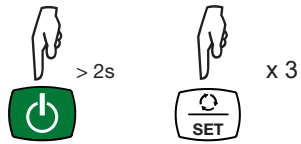


4

TDS MEASUREMENT



SALINITY MEASUREMENT



FRANCE
Chauvin Arnoux Group
190, rue Championnet
75876 PARIS Cedex 18
Tél : +33 1 44 85 44 85
Fax : +33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com

INTERNATIONAL
Chauvin Arnoux Group
Tél : +33 1 44 85 44 38
Fax : +33 1 46 27 95 69

Our international contacts
www.chauvin-arnoux.com/contacts

Measure up

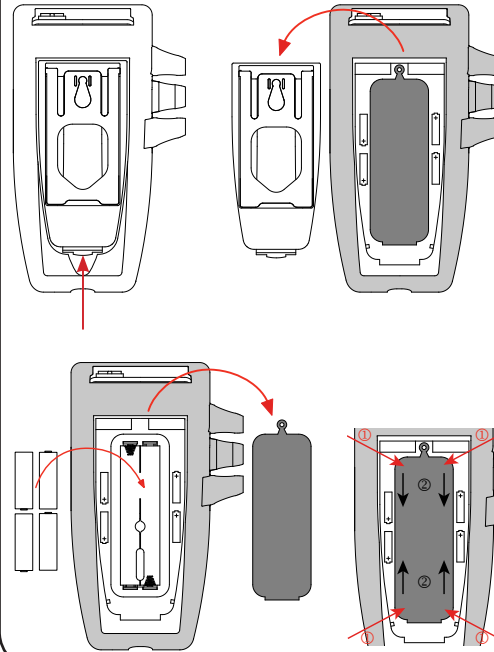
USER'S MANUAL

Visit our web site to download the operating instructions for your instrument and your cell:
www.chauvin-arnoux.com

Go to the **Products** tab and search on the name of your instrument. When you have found the instrument, go to its page. The operating instructions are on the right. Download them.

Proceed in the same way for the conductivity cell.

INSERTING THE BATTERIES



DATA LOGGER TRANSFER SOFTWARE

Visit our web site to download the latest version of the application software:
www.chauvin-arnoux.com

Go to the **Support** tab, then **Download our software**. Then search on the name of your instrument.

Download the software, then install it on your PC.

KEYS

Key	Function
	On/Off key (long press)
MEM REC	<ul style="list-style-type: none"> ■ MEM: a short press to record the measurement and the temperature. ■ REC: a long press to start or stop recording.
	<ul style="list-style-type: none"> ■ : a short press to select the type of measurement: conductivity, resistivity, TDS, or salinity. ■ SET: a long press to change the parameterizing of the measurements: the unit of temperature, the temperature correction, the reference temperature, the TDS factor. A second long press to exit from the parameterizing of the measurements.
	Backlight.
CAL END	<ul style="list-style-type: none"> ■ CAL: a short press to look up the calibration parameters and start a calibration. ■ END: a long press to terminate the calibration.
	<ul style="list-style-type: none"> ■ A short press to set the temperature in MTC or the parameters in SET mode.
	<ul style="list-style-type: none"> ■ A long press to select the standard solution during the calibration.

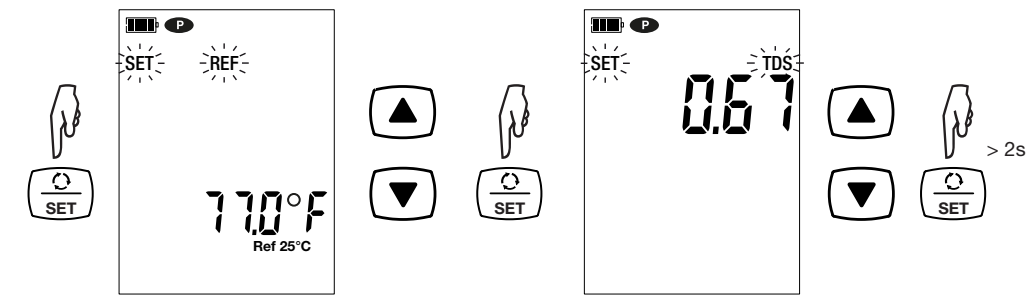
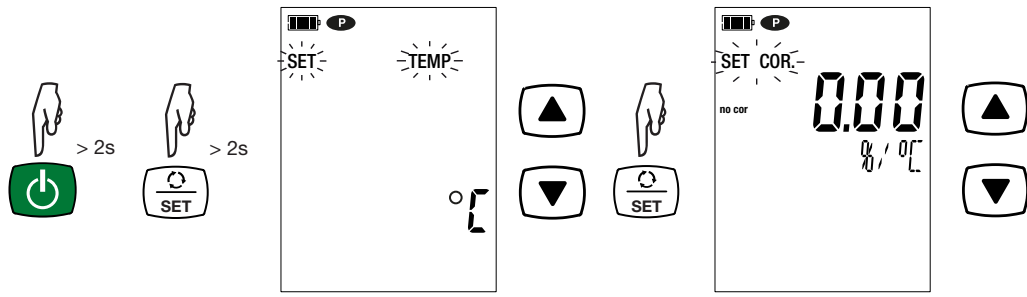
DELIVERY CONDITION

The C.A 10141 conductivity meter is delivered in a carrying case with:

- One XCP4ST1 conductivity cell with integrated temperature probe.
- Four AA or LR6 alkaline batteries.
- One protective sheath fitted on the instrument.
- One standard solution having a conductivity of 1408µS/cm.
- One beaker.
- One USB to micro USB cable.
- One wrist strap.
- Getting started guides (one per language).
- One certificate of verification.

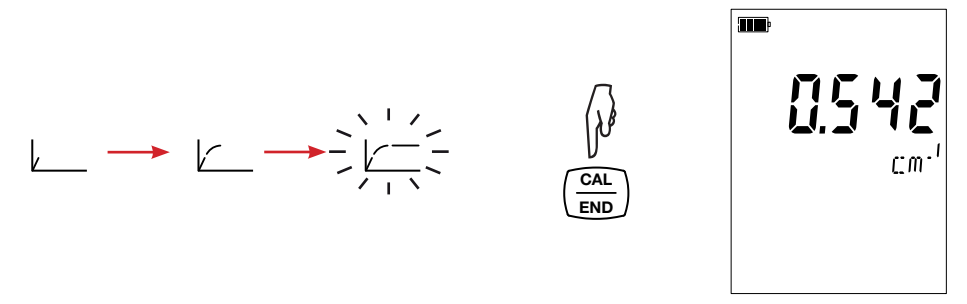
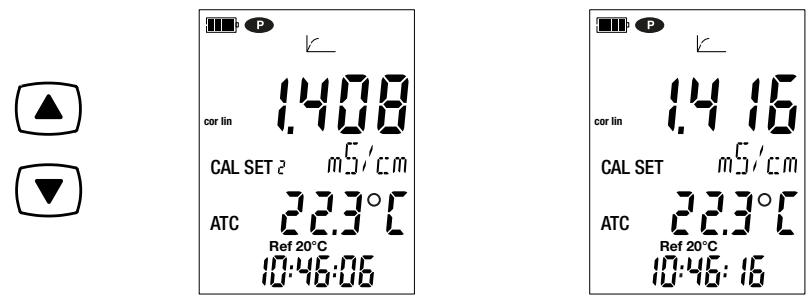
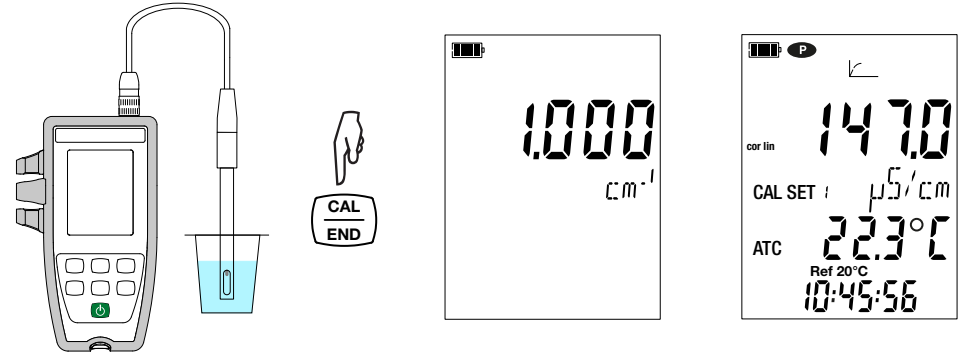
PARAMETERIZING OF THE MEASUREMENTS

1



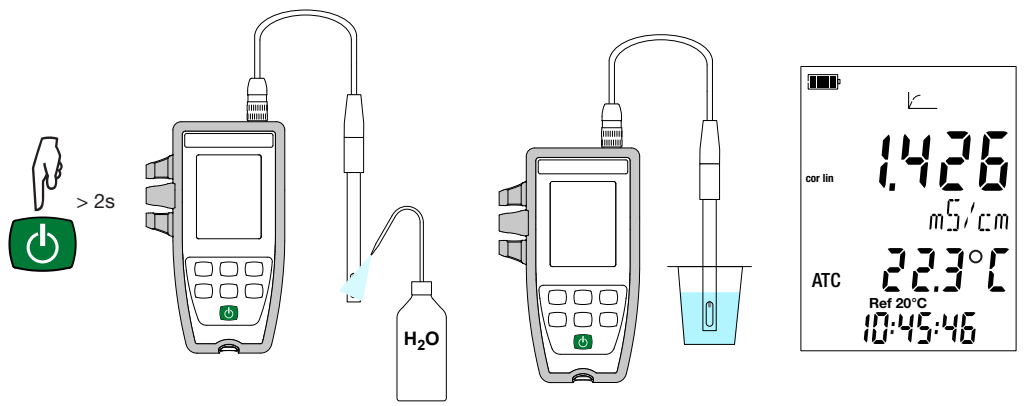
CALIBRATION

2

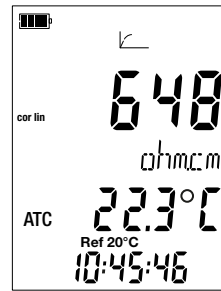
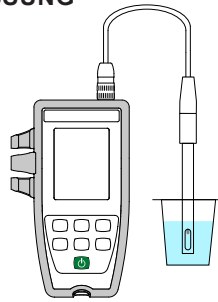
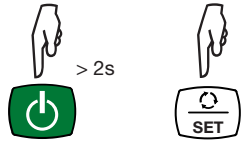


CONDUCTIVITY MEASUREMENT

3

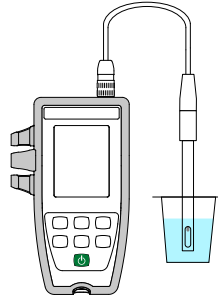
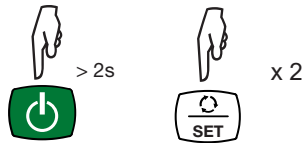


SPEZIFISCHE WIDERSTANDSMESSUNG

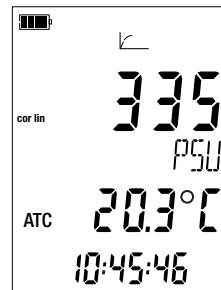
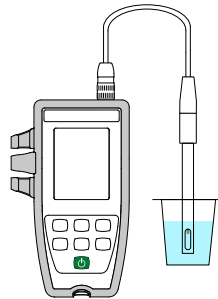
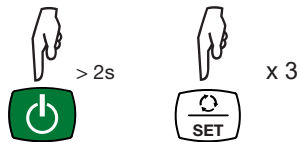


4

TDS-MESSUNG



SALZGEHALT-MESSUNG



FRANCE
Chauvin Arnoux Group
190, rue Championnet
75876 PARIS Cedex 18
Tél : +33 1 44 85 44 85
Fax : +33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com

INTERNATIONAL
Chauvin Arnoux Group
Tél : +33 1 44 85 44 38
Fax : +33 1 46 27 95 69

Our international contacts
www.chauvin-arnoux.com/contacts

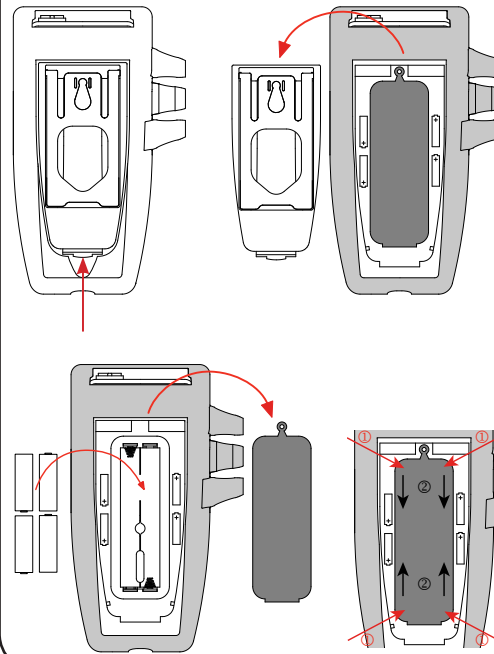
Measure up

BEDIENUNGSANLEITUNG

Rufen Sie unsere Website auf, wo die Bedienungsanleitung Ihres Geräts und der Zelle zum Herunterladen bereitsteht: www.chauvin-arnoux.com

Gehen Sie zur Registerkarte Produkte und führen Sie mit dem Namen des Geräts als Stichwort eine Suche durch. Gehen Sie dann zur entsprechenden Seite, die Bedienungsanleitung befindet sich rechter Hand. Nun können Sie sie herunterladen. Gleiches gilt für die Leitfähigkeitsmesszelle.

BATTERIEN EINLEGEN



DATA LOGGER TRANSFER-SOFTWARE

Rufen Sie unsere Website auf, wo die neueste Version der Anwendungssoftware zum Herunterladen bereitsteht: www.chauvin-arnoux.com

Gehen Sie zur Registerkarte **Support**, und dort unter **Softwares herunterladen**. Führen Sie mit dem Namen des Geräts als Stichwort eine Suche durch.

Laden Sie die Software dann herunter und installieren Sie sie auf Ihrem PC.

TASTEN

Taste	Funktion
	Ein/Aus-Taste (lange Drücken)
MEM REC	<ul style="list-style-type: none"> ■ MEM: kurzer Druck, um die Messung und die dazugehörige Temperatur aufzuzeichnen. ■ REC: langer Druck, um eine Aufzeichnung zu starten oder zu stoppen.
	<ul style="list-style-type: none"> ■ : ein kurzer Druck, um die gewünschte Messart zu wählen: Leitfähigkeit, spezifischer Widerstand, TDS oder Salzgehalt. ■ SET: ein langer Druck, um die Messeinstellungen zu ändern: Temperatureinheit, Temperaturkoeffizient, Bezugstemperatur, TDS-Faktor. Zweiter langer Tastendruck: Messeinstellungen verlassen.
	Beleuchtung.
CAL END	<ul style="list-style-type: none"> ■ CAL: ein kurzer Druck, um die Kalibrierungsparameter zu überprüfen und eine Kalibrierung einzuleiten. ■ END: ein langer Druck, um die Kalibrierung zu beenden.
	<ul style="list-style-type: none"> ■ Ein kurzer Druck, um die Temperatur einzustellen (MTC) bzw. im SET-Modus die Einstellungen zu ändern. ■ Ein langer Druck, um beim Kalibrieren die Standardlösung festzulegen.

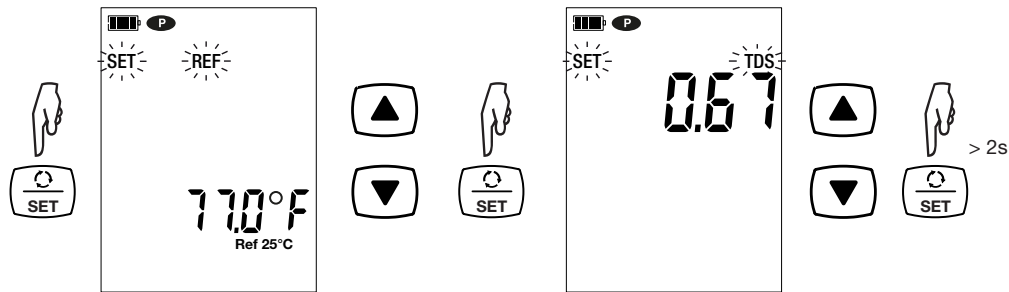
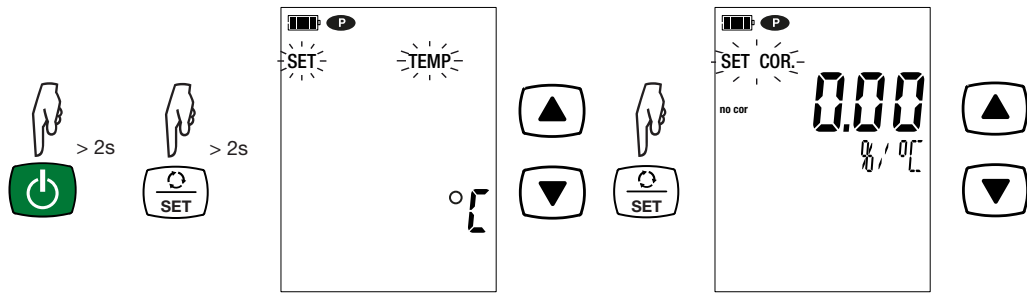
LIEFERUMFANG

Lieferung des Leitfähigkeitsmessgeräts C.A 10141 im Transportkoffer mit:

- einer Leitfähigkeitsmesszelle mit integriertem Temperaturfühler XCP4ST1.
- 4 Alkalibatterien AA bzw. LR6.
- 1 bereits angebrachte Schutzhülle.
- Eine Leitfähigkeits-Standardlösung 1408 µS/cm.
- Ein Becherglas.
- Ein USB-Kabel - Micro-USB.
- 1 Trageschlaufe.
- Schnellstartanleitungen (eine pro Sprache).
- Ein Prüfzertifikat.

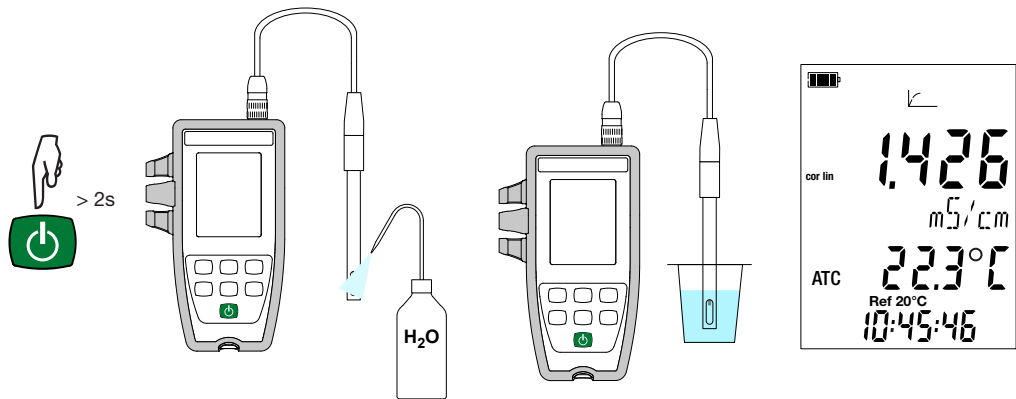
MESSEINSTELLUNGEN

1



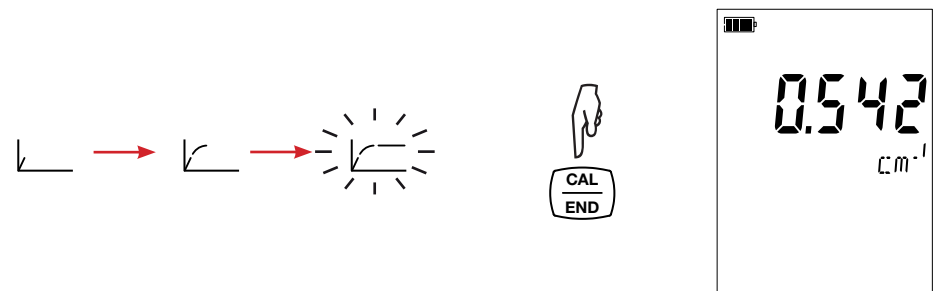
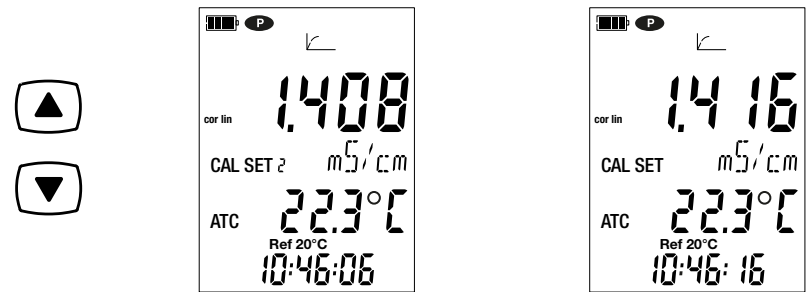
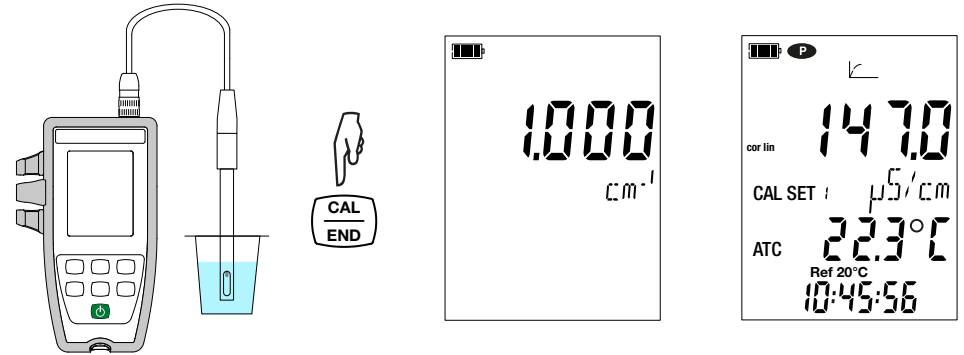
LEITFÄHIGKEITSMESSUNG

3

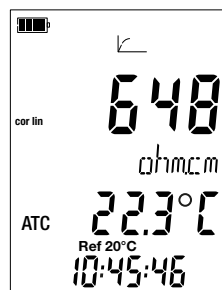
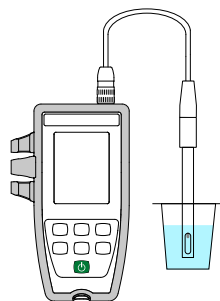
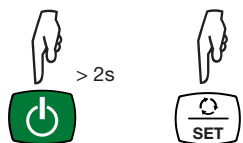


KALIBRIERUNG

2

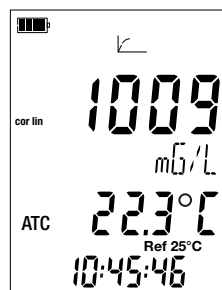
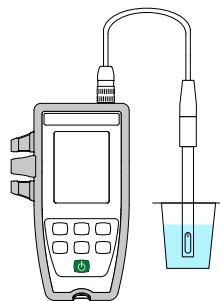
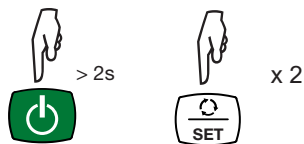


MISURA DI RESISTIVITÀ

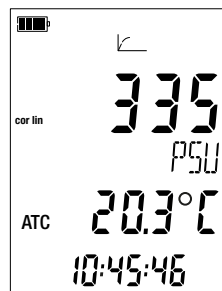
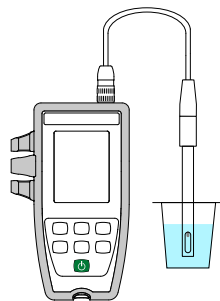
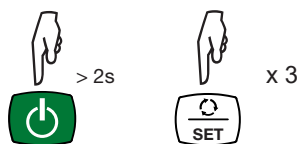


4

MISURA DEL TDS



MISURA DELLA SALINITÀ



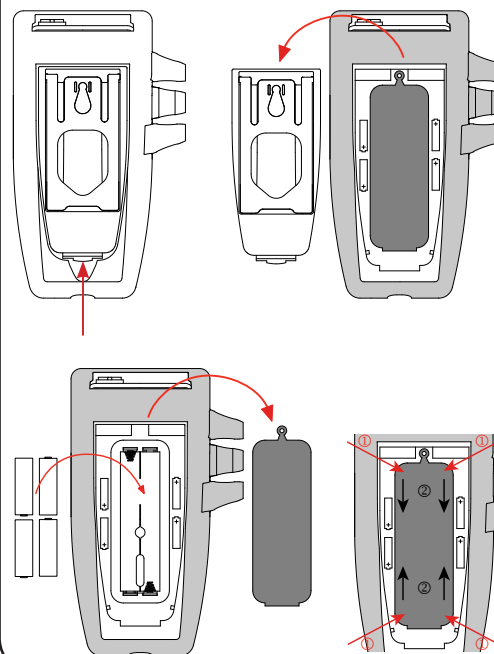
MANUALE D'USO

Visitate il nostro sito Internet per scaricare il manuale d'uso della vostra cella:
www.chauvin-arnoux.com

Aprire il tab **Prodotti** per effettuare una ricerca con il nome del vostro strumento. Una volta trovato lo strumento andate sulla pagina corrispondente. Il manuale d'uso si trova sulla destra: scaricatelo.

Procedete in maniera identica per la cella di conducibilità.

INSERIMENTO DELLE PILE



TASTI

Tasto	Funzione
	Tasto Marcia / Arresto (pressione lunga)
MEM REC	<ul style="list-style-type: none"> ■ MEM: una pressione breve per registrare la misura e la temperatura. ■ REC: una pressione lunga per avviare o fermare una registrazione.
	<ul style="list-style-type: none"> ■ : una pressione breve per scegliere il tipo di misura: la conducibilità, la resistività, il TDS o la salinità. ■ SET: una pressione lunga per modificare la parametrizzazione delle misure: l'unità di temperatura, la correzione in temperatura, la temperatura di riferimento, il fattore TDS. Una seconda pressione lunga per uscire dalla parametrizzazione delle misure.
	Retroilluminazione.
CAL END	<ul style="list-style-type: none"> ■ CAL: una pressione breve per consultare i parametri di taratura e lanciare una taratura. ■ END: una pressione lunga per terminare la taratura.
	<ul style="list-style-type: none"> ■ Una pressione breve per impostare la temperatura in MTC o i parametri in modo SET. ■ Una pressione lunga per scegliere la soluzione campione durante la taratura.

CARATTERISTICHE DELLA CONSEGNA

Si fornisce il conduttimetro C.A 10141 in una valigetta da trasporto con:

- Una cella di conducibilità con sonda di temperatura integrata XCP4ST1.
- Quattro pile alcaline AA o LR6.
- Una guaina di protezione montata sullo strumento.
- Una soluzione campione di conducibilità 1408 µS/cm.
- Due recipienti *bécher*.
- Un cavo USB - micro USB.
- Una cinghia.
- Varie guide di avvio rapido (una per ogni lingua).
- Un'attestazione di verifica.

SOFTWARE DATA LOGGER TRANSFER

Visitate il nostro sito Internet per scaricare l'ultima versione del software applicativo:
www.chauvin-arnoux.com

Aprire il tab **Supporto**, poi **Download dei nostri software**. Effettuate in seguito una ricerca con il nome del vostro strumento.

Scaricate il software e poi installatelo sul vostro PC.

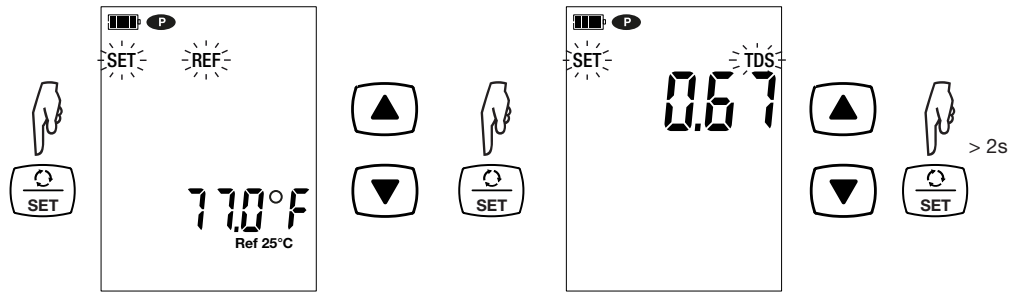
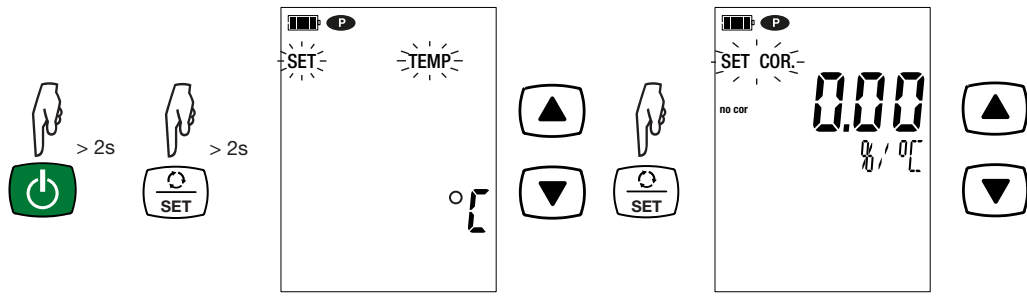
FRANCE
Chauvin Arnoux Group
190, rue Championnet
75876 PARIS Cedex 18
Tél : +33 1 44 85 44 85
Fax : +33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com

INTERNATIONAL
Chauvin Arnoux Group
Tél : +33 1 44 85 44 38
Fax : +33 1 46 27 95 69

Our international contacts
www.chauvin-arnoux.com/contacts

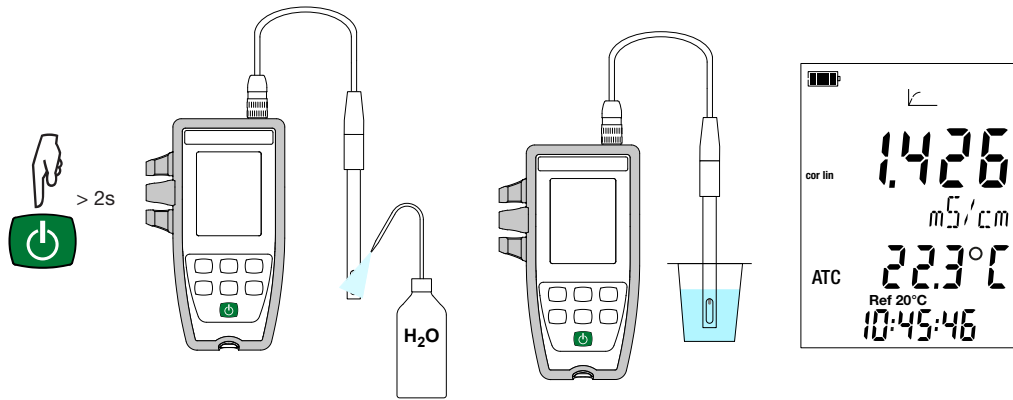
PARAMETRIZZAZIONE DELLE MISURE

1



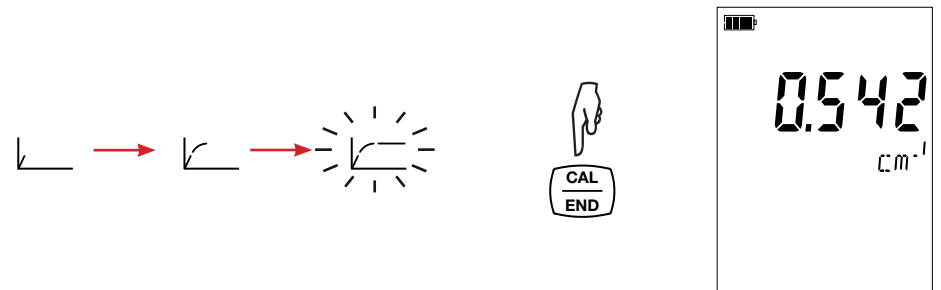
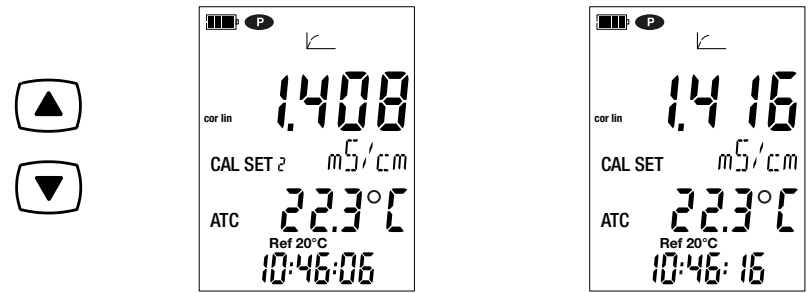
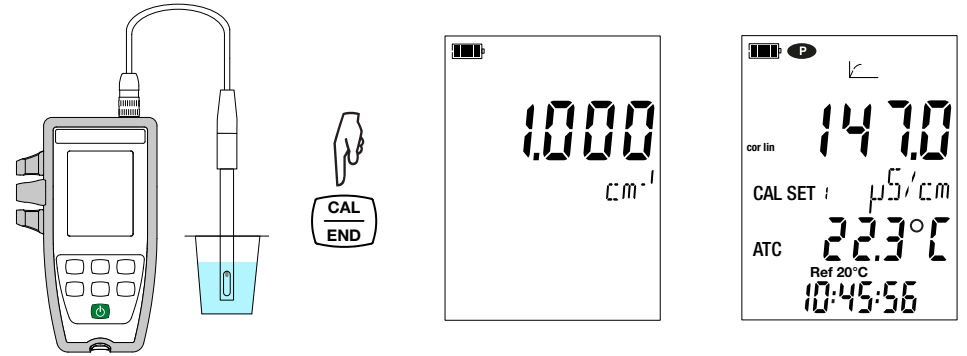
MISURA DI CONDUCIBILITÀ

3

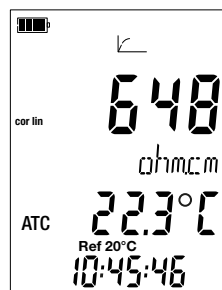
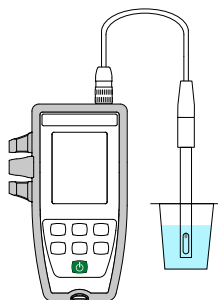


TARATURA

2

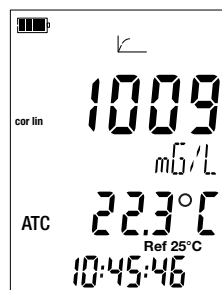
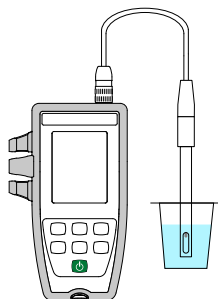
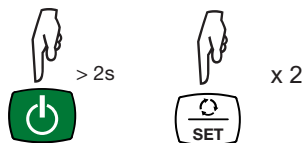


MEDIDA DE RESISTIVIDAD

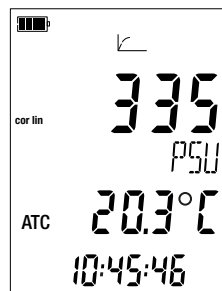
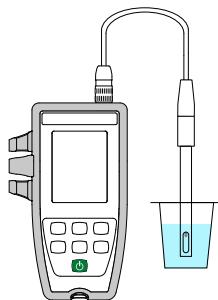
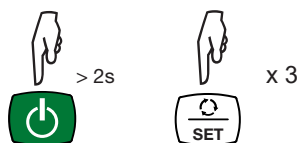


4

MEDIDA DE TDS



MEDIDA DE SALINIDAD



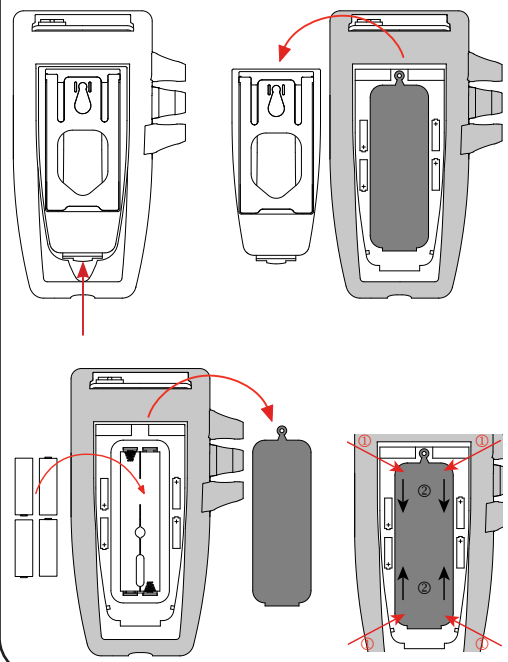
MANUAL DE INSTRUCCIONES

Visite nuestro sitio web para descargar el manual de instrucciones de su instrumento y de su celda:
www.chauvin-arnoux.com

En la sección **Productos**, realice una búsqueda con el nombre de su instrumento. Una vez encontrado el instrumento, vaya a su página. El manual de instrucciones se encuentra a la derecha. Descárguelo.

Proceda de la misma forma para la celda de conductividad.

COLOCACIÓN DE LAS PILAS



TECLAS

Tecla	Función
	Tecla de encendido/apagado (manteniéndola pulsada)
MEM REC	<ul style="list-style-type: none"> ■ MEM: pulsar brevemente para guardar la medida y la temperatura. ■ REC: mantenerla pulsada para iniciar o parar un registro.
	<ul style="list-style-type: none"> ■ : pulsar brevemente para elegir el tipo de medida: la conductividad, la resistividad, el TDS o la salinidad. ■ SET: mantenerla pulsada para cambiar la configuración de las medidas: la unidad de temperatura, la corrección en temperatura, la temperatura de referencia, el factor TDS. Pulsarla una segunda vez para salir de la configuración de las medidas.
	Retroiluminación.
CAL END	<ul style="list-style-type: none"> ■ CAL: pulsar brevemente para consultar los parámetros de calibración e iniciar una calibración. ■ END: mantenerla pulsada para poner fin a la calibración.
	<ul style="list-style-type: none"> ■ pulsar brevemente para ajustar la temperatura en MTC o los parámetros en modo SET. ■ Mantenerla pulsada para elegir la solución patrón durante la calibración.

ESTADO DE SUMINISTRO

El conductímetro C.A 10141 se suministra en un maletín de transporte con:

- Una celda de conductividad con sonda de temperatura integrada XCP4ST1.
- Cuatro pilas alcalinas AA o LR6.
- Una funda de protección montada en el instrumento.
- Una solución patrón de conductividad 1.408 µS/cm.
- Un vaso de precipitado.
- Un cable USB – micro USB.
- Un lanyard.
- Guías de inicio rápido (una por idioma).
- Un certificado de verificación.

SOFTWARE DATA LOGGER TRANSFER

Visite nuestro sitio web para descargar la última versión del software de aplicación:
www.chauvin-arnoux.com

Entre en la sección **Soporte**, y a continuación en **Descargar nuestros software**. A continuación, realice una búsqueda con el nombre de su instrumento.

Descargue el software y luego instálelo en su PC.

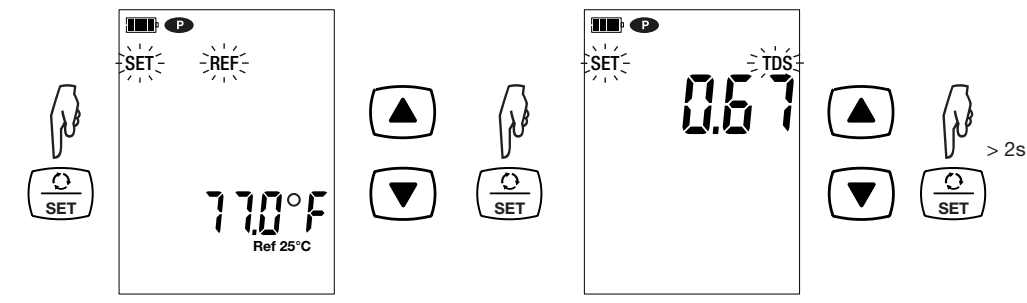
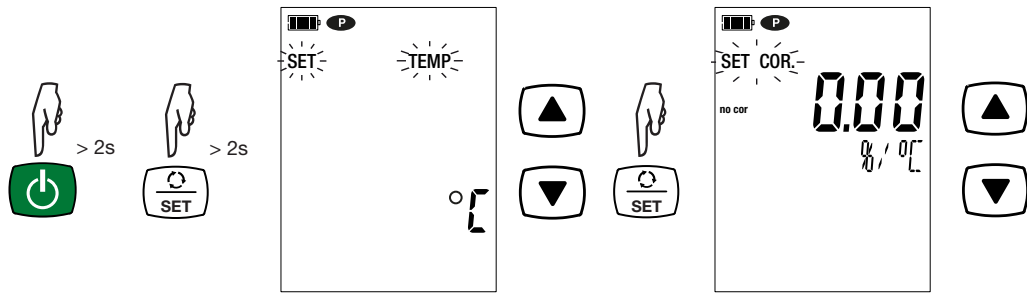
FRANCE
Chauvin Arnoux Group
190, rue Championnet
75876 PARIS Cedex 18
Tél : +33 1 44 85 44 85
Fax : +33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com

INTERNATIONAL
Chauvin Arnoux Group
Tél : +33 1 44 85 44 38
Fax : +33 1 46 27 95 69

Our international contacts
www.chauvin-arnoux.com/contacts

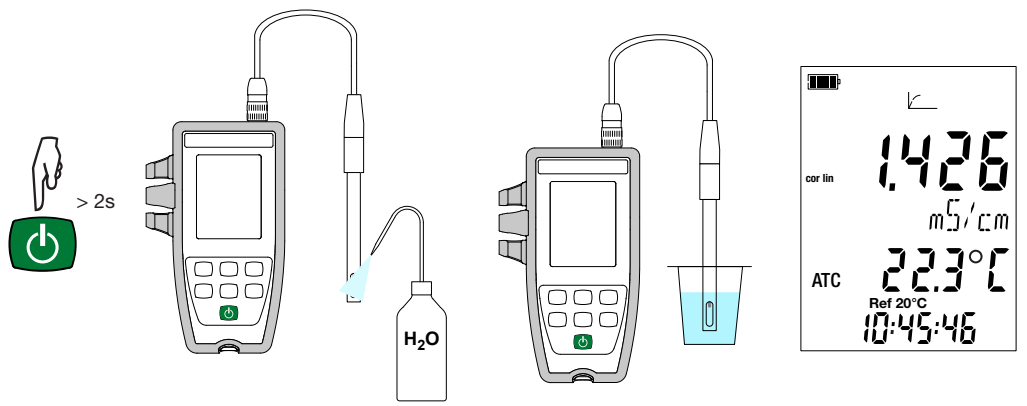
CONFIGURACIÓN DE LAS MEDIDAS

1



MEDIDA DE CONDUCTIVIDAD

3



CALIBRACIÓN

2

