

Class'Air

WHAT'S NEW 2024

NEW FUNCTIONS
NEW RECORDING SOFTWARE
NEW WEB PLATFORM
THE CLASS'AIR CASE
THE 5-YEAR GUARANTEE
OUR DISTRIBUTORS



NEW FUNCTIONS

Pedagogic

The new features of the educational Class'Air make it easier to monitor the device during 2-hour campaigns thanks to its three-color LEDs which alert if thresholds are exceeded.

The educational Class'Air CO2 sensor now allows you to configure a measurement duration. At the end of each measurement, the sensor displays on its screen:

- Highest CO2 concentration measured
- The total number of thresholds exceeded (orange and red)

Facilitates the implementation of annual CO2 measurements



Model	Pedagogic
LEDs tricolores	Yes
Screen	Yes
Measuring time	Configurable
Recording measurements	Non
Connected	Non

NEW FUNCTIONS

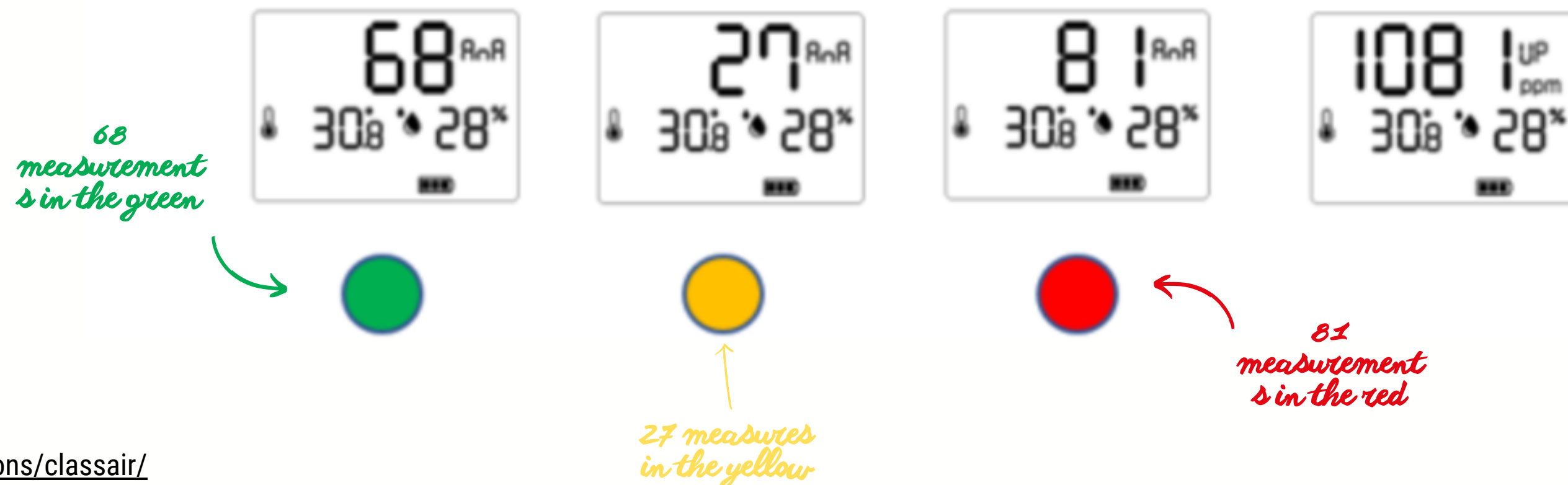
Campaign analysis

When the campaign is over, the 3 screens (AnA) display the number of excesses recorded (green, orange or red). The screen (Up) displays the maximum CO2 value. These screens are reset with each campaign.

The campaign analysis time is configurable.

For a 2-hour campaign (required by the decree), the analysis will report 12 measurements (1 every 10 minutes).

Maximum value reached



NEW FUNCTIONS

Manual calibration

The latest sensor update now allows manual calibration to be performed directly on the Class'Air sensor.

The advantages of this new functionality:

- Manual calibration is performed on a reference CO2 level
- All calibrations are logged in the sensor

The factory calibration certificate valid for 1 year is always included in Class'Air sensors.

New is manual calibration!



NEW FUNCTIONS

Recorder

In addition to the functionalities of the Educational sensor, the Class'Air Recorder CO2 sensor offers access to the software and offers:

- a graph of the measures taken during the 2-hour campaigns;
- a start-of-campaign verification sheet: batteries, time stamp, no measurement time;
- and the pre-filled end of campaign form.

**Model**

Recorder

LEDs tricolores

Yes

Screen

Yes

Recording duration

Configurable

Software access

Yes

Connected

Non

RECORDER SOFTWARE 1/3

New software version

The software for recording sensors is evolving!

In addition to its existing functionalities, it now includes a new functionality to carry out annual direct reading measurements in accordance with the decree. The software allows mandatory checks to be carried out before measurements (battery, thresholds, etc.). After the annual campaign, the software allows you to generate a pre-filled format of the form recommended by the decree and to see the number of exceedances over the 2 hours as well as the highest value.

pyres.com/solutions/classair/

Class Air

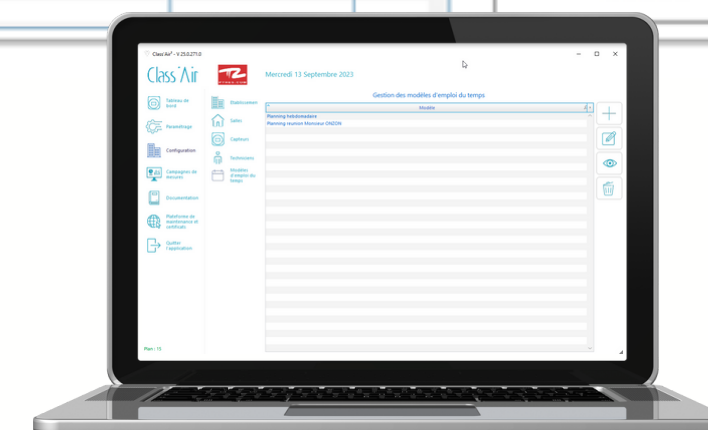
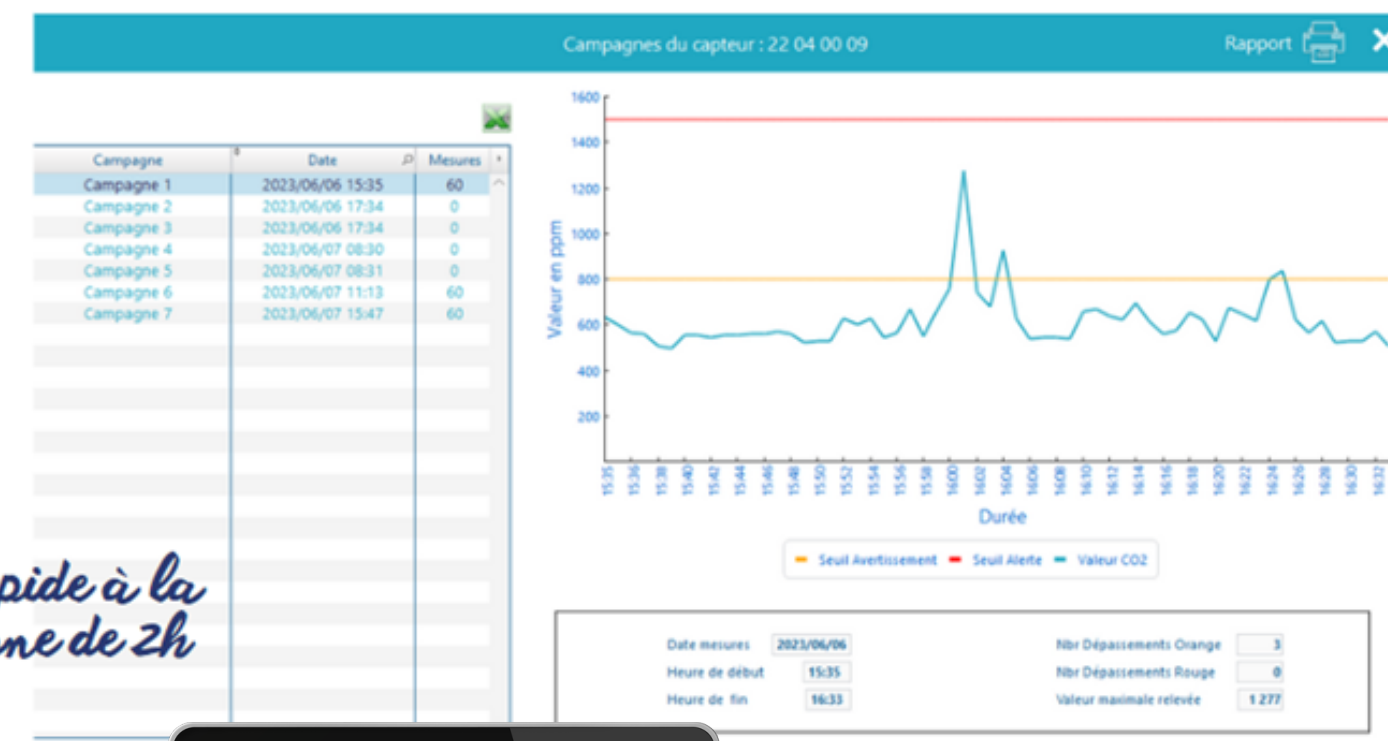


Mercredi 13 Septembre 2023

- Tableau de bord
- Paramétrage
- Configuration
- Campagnes de mesures
- Documentation
- Plateforme de maintenance et certificats
- Quitter l'application
- Campagnes
- Campagnes Archivées
- Liste des mesures non affectées
- Récupération des mesures
- Mesures par capteurs
- Mesures affectées aux campagnes
- Campagnes Annuelles CO2

Accès rapide à la campagne de 2h

Accès à la fiche CSTB



RECORDER SOFTWARE 2/3

Module de paramétrage capteur


Class Air

Paramétrage du capteur: 22 29 03 65 - V 2.2 - Version Non Enregistreur

22 29 03 65

V.6.6.3.0

Numéro de série : 22290365



Firmware V 2.2

Reset

Effacer les mesures

Mise en veille

Mise à jour du firm

Afficher l'historique des étalonnages manuels

Récupération des mesures brutes

Energie restante 100%

Estimation de l'autonomie restante 190 jours

Durée d'enregistrement disponible 39 jours

CO2 861

COV indisponible

Paramétrage de l'affichage et des notifications

Seuil Orange : 800

Seuil Rouge : 1500

☒ LED Actives

☒ Affichage CO2

☐ Alerte sonore seuil rouge

CO2 Coefficient A : 1,0000 B : 0,00

HR Coefficient A : 1,0000 B : 0,00

T°C Coefficient A : 1,0000 B : 0,00

☒ Affichage HR / T°C

☐ Alerte sonore seuil vert

Paramétrage de la prise de mesure

Pas des mesures

☐ 1 minute

☐ 5 minutes

☐ 20 min

☒ 2 minutes

☐ 10 minutes

☐ 40 minutes

Nb point moyenne

☒ 1 point

☐ 2 points

Durée de la campagne

0 jour(s)

2 heure(s)

CO2 référence 400

Paramétrage du mode expert

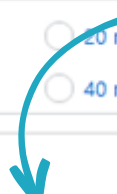
☐ Mode Expert permanent

☐ Activation Mode Expert

Heure de début 0

Heure de fin 0

Configuration of analysis campaign duration





Plan: 3

Date mesures 2023/06/06

Heure de début 15:35

Heure de fin 16:33

Nbr Dépassements Orange 3

Nbr Dépassements Rouge 0

Valeur maximale relevée 1 277

RECORDER SOFTWARE 3/3

Direct reading measurement record sheet

Annuelles CO2

Fiche de relevé de mesures à lecture directe (1/2)

Informations sur la pièces mesurée

Identifiant de la pièce

Dénomination de la pièce

Effectif théorique de la pièce

Informations sur l'appareil de mesures

Modèle d'appareil utilisé

N° de série de l'appareil

Mode d'étalonnage

Date dernier étalonnage / Vérification

Type d'affichage

Conformité des seuils

Fréquence d'affichage / Enregistrement

Mode de contrôle

Capteur Class'Air

22 04 00 09

☒ Fournisseur

☐ Usine

☐ Manuel

☒ Valeur (ppm)

☒ Indicateur coloré

☒ Conforme

☐ Non conform

☒ 1mn

☐ <10mn

☐ Autre

☐ Visuel

☒ Enregistrement

Informations sur la période de mesures

Date de la mesure

Heure de début de la mesure

Heure de fin de la mesure

Nombre moyen d'occupants mineurs au moment de la mesure

Présence d'au moins 1 dépassement > 800ppm

Présence d'au moins 1 dépassement > 1500ppm

Valeur CO2 maxi relevée (ppm)

Nombre de valeurs dépassant 800ppm

Nombre de valeurs dépassant 1500ppm

07/06/2023

11:14

12:14

☒ Oui

☐ Non

☐ Oui

☒ Non

933

1

0

Actions immédiates mises en place en cas de dépassement

☐ Optimisation de l'aération

☐ Ouverture d'une fenêtre donnant sur l'extérieur

☐ Ouverture de plusieurs fenêtres donnant sur l'extérieur

☐ Aération en grand (Fenêtres ouvertes sur une même façade)

☐ Aération transversale (Courant d'air)

☐ Ouverture de la porte d'accès à la salle en plus des fenêtres

☐ Autre action

Annuelles CO2

Fiche de relevé de mesures à lecture directe (2/2)

Résultats de l'action

☐ Retour à la normale (<800ppm)

☐ Diminution encore insuffisante (<1500ppm)

☐ Persistance du dépassement (> 1500ppm)

Graphe des mesures relevées

Valeur en ppm

Durée

Seuil Avertissement

Seuil Alerte

Valeur CO2

Observations complémentaires de l'utilisateur

Détail

Commentaire des services techniques

Détail

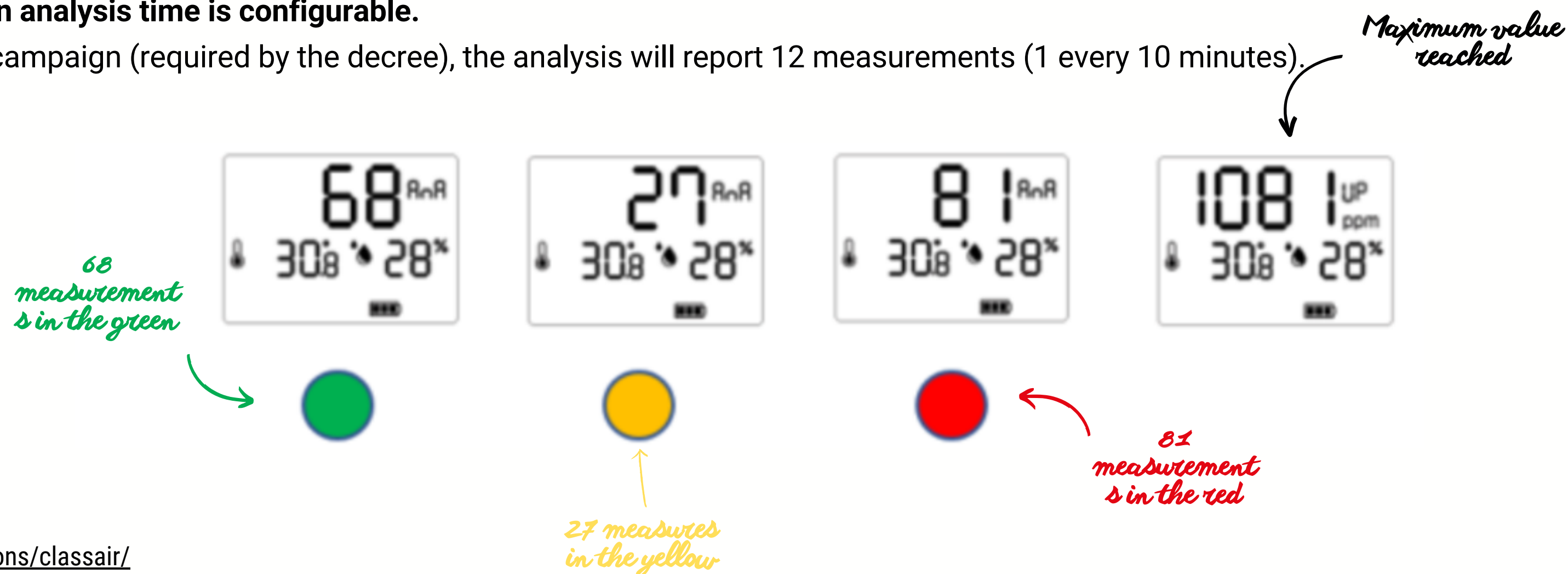
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NEW FUNCTIONS

LoRa Connected

The Class'Air Connected LoRa CO2 sensor provides access to the new web platform to allow:

- setting thresholds
- select the duration of the recordings
- visual and audible alerts
- or even view measurement graphs



New web platform

Model

Connected

LEDs tricolores

Yes

Readable screen

Yes

Measurement duration

Configurable

Web platform access

Yes

Connected

Yes

WEB PLATFORM

New platform

Our teams are currently developing a new Class'Air platform. A new look and new features to facilitate the configuration and implementation of measurement campaigns and the user experience.

New look and new features



Available in Educational, Recorder and Connected versions!

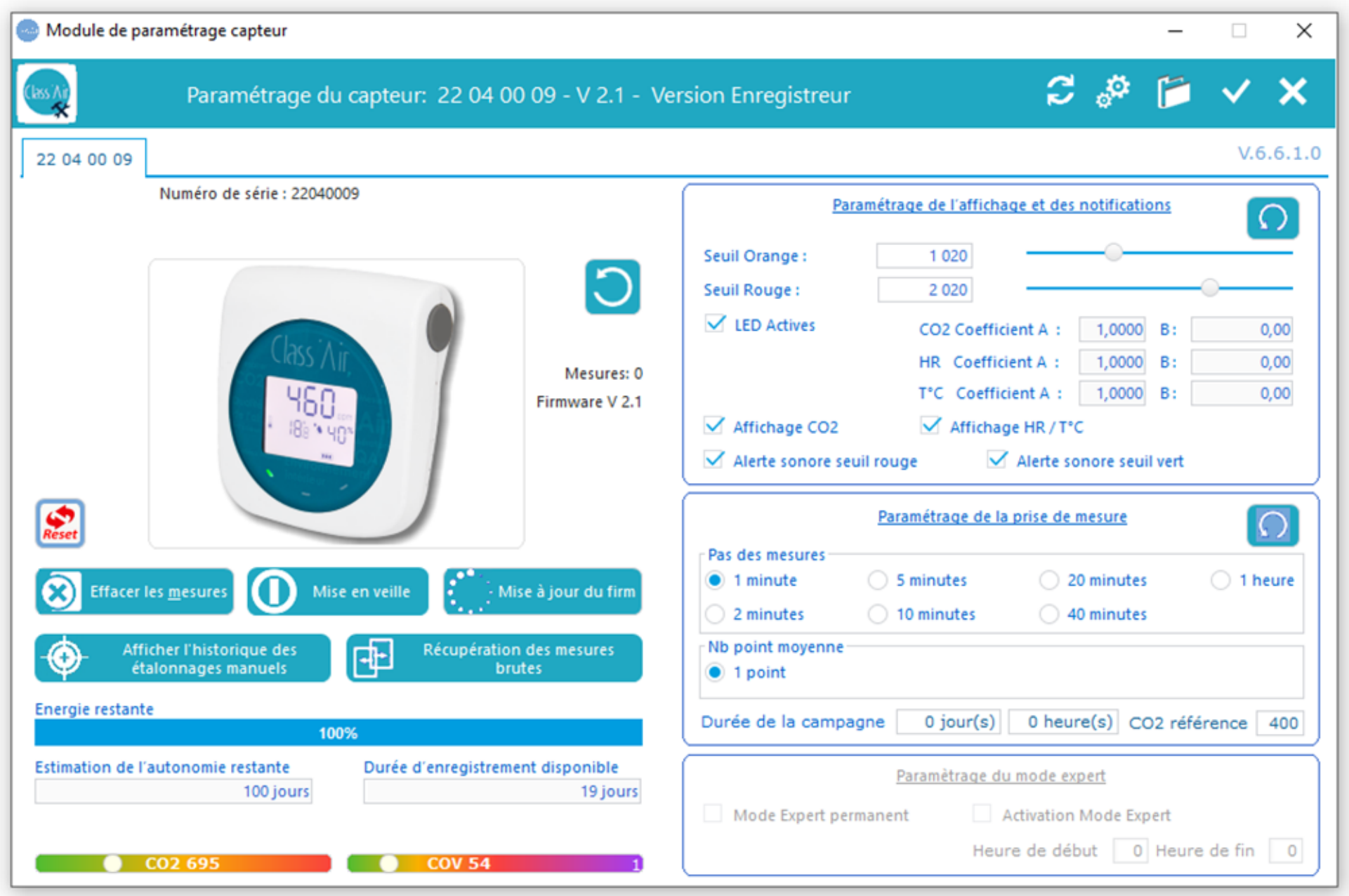
NEW FUNCTIONS

VOC sensors



The COV value is given by an index between 0 and 500:

Index COV	Air quality
0-50	Excellent
51-100	Good
101-150	Slightly polluted
151-200	Moderately polluted
201-250	Heavily polluted
251-350	Severely polluted
>350	Extremely polluted



Calculation of VOC/total index

NEW OFFER

The Class'Air case

The Class'Air case contains 5 to 10 Class'Air sensors to allow you to easily carry out your campaigns.

It exists in 2 versions:

- 4 educational sensors and 1 recorder
- or 8 educational sensors and 2 recorders

For inspection establishments and communities, you can for example offer the Class'Air case for rental for establishments.

*The case and sensors
are customizable*

**Name**

The Class'Air case

Sensors

5 to 10 sensors

Personalization

Yes

Recording duration

Configurable

Software access

Yes

NEW GUARANTEE

5 year warranty

Did you know ? 💡

Our Class'Air CO2 sensors are equipped with an NDIR probe (non-dispersive infrared sensor), recognized for their measurement quality and reliability over time.

This is why we have decided to guarantee it for 5 years!

We have confidence in our teams, and in the quality of the products they develop as well as their components.



Model
All

Sin
NDIR

Guarantee
5 years

The 5-year warranty only applies to the CO2 probe of Class'Air sensors in the event that the measurement reported on the sensor is higher or lower than the recommendations established by the CSTB guide and in the context of use respecting the recommendations. installation and use. If a manual calibration has been carried out on the sensor, the 5-year warranty will not apply. It includes telephone assistance and replacement of the probe in the workshop if necessary and in the event of a physical problem with the probe. The warranty concerns exclusively the Buyer of the sensor. Travel to site, costs of sending equipment to PYRESCOM and consumables are not included in the guarantee.

DISTRIBUTORS

New distributors

Find our C02 Class'Air sensors on our network of online sales partners!

We have chosen trusted distributors for the quality of their service and their responsiveness. We focus all our actions on customer satisfaction and the continuous improvement of our products.

Our distributors



MIGRATION

Already customers? Migrate your sensors to have access to these features!

I have a V3 sensor

Updating with new features is
free!

I have a V1 or V2 sensor

The update is only available on V3
sensors.

We offer you a trade-in offer for your
devices. Contact us!
direct@pyres.com
04 68 68 39 68

About

For more than 10 years, PYRESCOM teams have enabled ERPs to monitor Indoor Air Quality using their Class'Air CO2 sensors. LEDs provide warning in the event of a high concentration of CO2 and thus raise awareness about ventilation.



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