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Klearia

PANDa

WATER ANALYSIS REVOLUTIONISED

PANDa: smart and sustanaible monitoring for micropollutants

Save time:

In situ and fast analysis

Simplify your quality control:

Easy to use

Save money:

Affordable technology
Quick decison making

Ensure your quality:

Reduce your wastes and non quality

Cutting edge innovation: "Lab-on-a-Chip" technology

Expert in microtechnology Klearia has developed a cutting edge and patented technology for in situ monitoring of micropollutants in water. Benefit from the best solution for analysis: brings the instrument where you need instead of bringing the sample to the lab.

SOLARIMPULSE LABEL | EFFICIENT SOLUTION

PANDA is proud to be labeled as a Solar Impulse Efficient Solution

Advantages

Selective and sensitive:
- **From 1 µg/l : Similar to ICP-MS quantification with real samples**

User friendly:
- **All in one cartridge (No chemical compound to deal with)**
- **Cleaning and calibration automated**
- **Portable: 5 minutes to prepare analysis.**
- **No technical manipulation: fully automated analysis procedure**
- **In line (fully automated with 4G communication)**

Cost effective:
- **Small investment compared to ICPMS**
- **Consummables: pay for analysis, no indirect costs**

Timely:
- **Result in ~150 mins for few ppb concentrations**
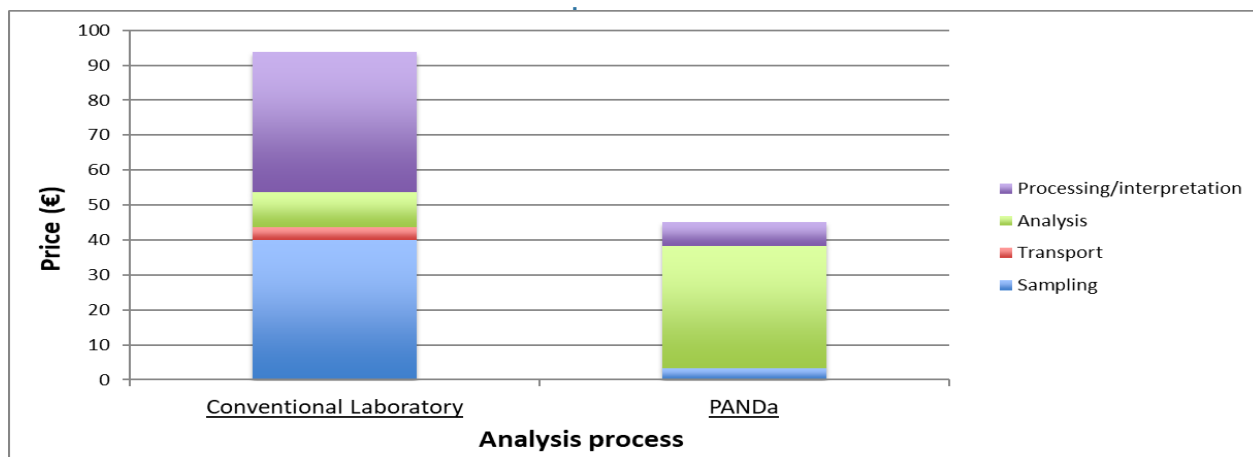
Proof of Performance

Arsenic analysis in water		PANDa (µg/l)	ICPMS conventional lab (µg/l)
Contaminated site (Anonymous)	Site 1	19.1	20.3
	Site 2	82.5	85.4
	Site 3	27	28.1
Bottled water (Anonymous)	Sample 1	2.7	2.2
	Sample 2	39.6	46.34
	Sample 3	35.2	36.02
	Sample 4	5.9	5.71
	Sample 5	2.9	1.76

Intuitive user interface
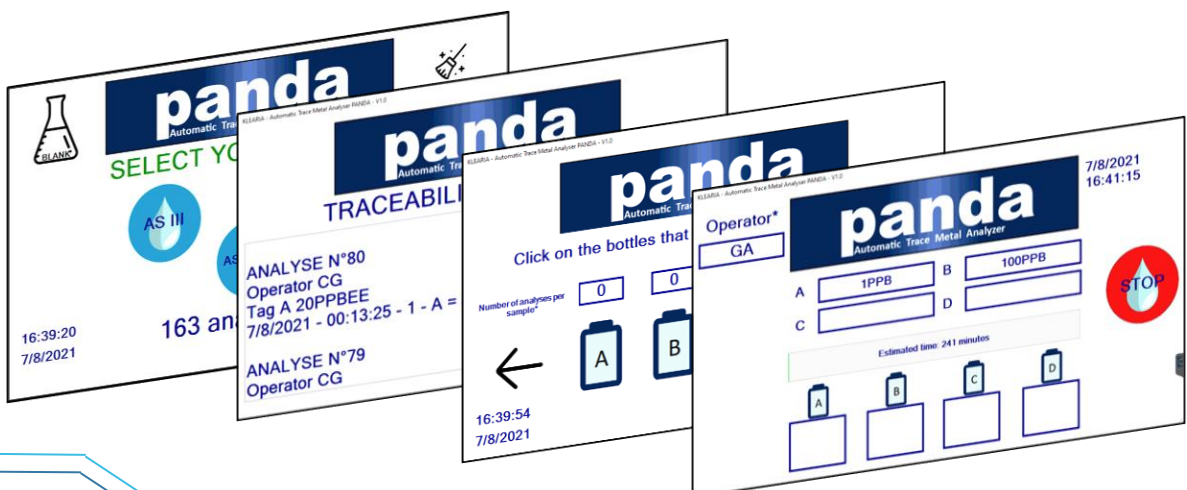
The low cost of analysis make the PANDa analyser

Testimonials

Jean-Yves LE CORRE
Drinking water operator
(Feb. 2020)

What is the main advantage of the analyser for you?
 "**Its simplicity of use**"

How does the PANDa analyser make your day-to-day operations easier?
 "**As the value in arsenic varies for the 10 boreholes, using the PANDa analyser I would immediately know if I am within the norm or not for the distributed water.**"

Olivier BETTON
Water quality manager
(Oct. 2019)

How will the use of the PANDa analyser help you in your day to day operations?
 "Using PANDa, we will not only be able to **simplify**, but also to **reduce the time needed** for the analysis as it can be done **locally** and in real time"

What is the main advantage of the PANDa analyser for you?
 "What is particularly interesting for us with PANDa is the **responsiveness** we will obtain by getting **access to the result in real time**"

Are there any other factors that you appreciate with the PANDa analyser?
 "Using PANDa, once we have reached a certain limit we will **decide to renew or not to renew our filters**. This way we will be able to **make considerable savings**"