



# $\alpha$ ASTREE

**NEW**

**ELECTRONIC TONGUE FOR LIQUID AND TASTE ANALYSIS**

## *Simplify Liquid product ANALYSIS AND TASTE CONTROL*

▶ Food ingredients

▶ Soft drinks

▶ Fruit juices

▶ Alcoholic beverages

▶ Pharmaceutical products



▶ Product conformity

▶ Taste default detection

▶ Origin identification

▶ Bitterness masking study

▶ Substance quantification

### *GET THE RIGHT TOOL TO MAXIMIZE YOUR QUALITY CONTROL*

- Assessing objectively your product quality by measuring Dissolved Compounds and Taste Substances.
- Performing the sample analysis every 3 minutes
- Easily comparing your incoming raw materials or finished products to your gold reference.
- Predicting target substance concentration using external calibration method.
- Complements the human panel for difficult tests (high concentration, toxic samples...).



MULTI ORGANOLEPTIC SYSTEMS

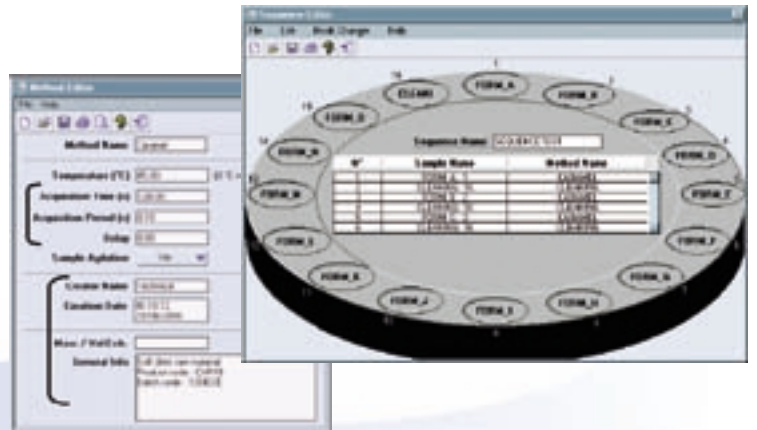
**THE SPECIALIST IN SMART SENSING SYSTEMS**

## GET RESULTS IN MINUTES !

### Simple AND INTEGRATED SOFTWARE

αASTREE software gives access to :

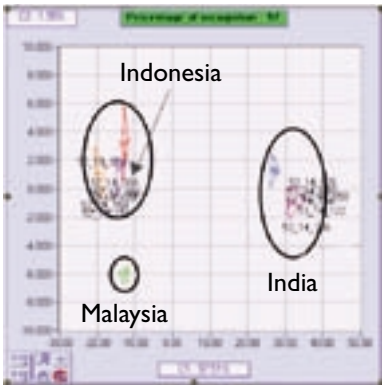
- The sequence development and autosampler control
- The method development and storage
- The data acquisition of each sensor response
- The data processing and the powerful pattern recognition algorithms for qualitative and quantitative applications.



Full autosampler control through αASTREE software allows easy and straightforward method development.

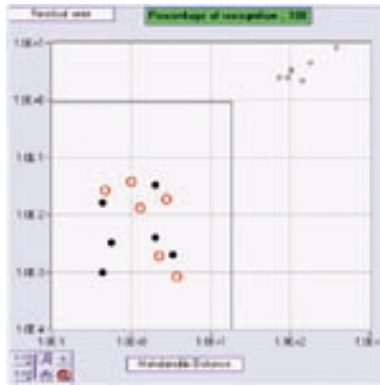
### Rapid AND OBJECTIVE ANSWERS

#### ORIGIN IDENTIFICATION



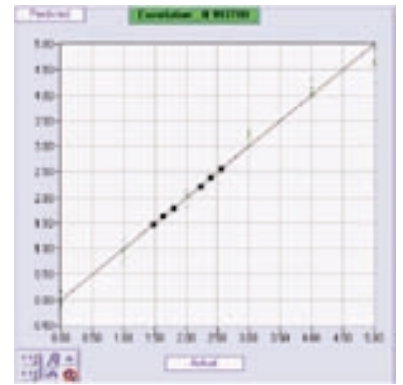
DFA model to identify vanilla extract origin : the training phase defined three origin clusters and unknown samples are projected in black.

#### DEFAULT DETECTION



SIMCA model to compare to gold reference : detection of Dimethyl Sulfide (DMS) in beer samples.

#### SUBSTANCE QUANTIFICATION



PLS quantitative model : caffeine calibration line. Unknown samples are represented in black.

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Please call me for :

- a feasibility study
- a quotation
- a discussion on my application
- a presentation of the αASTREE

Name : .....

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Country : .....

E-mail : .....

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