



The best **technology** for the best **coffee**



# BRIGUS

COFFEE ROAST CONTROL & LOG SYSTEM

... was specially created to work with the BPR roasters from JOPER. Together, they are the true master of coffee roast.

BRIGUS is a new concept of coffee roasting control system. With it, attention and expertise will be concentrated on what matters:

- Define new profiles based on stored ones
- Roast based on a pre-defined profile
- Manual or automatic process control
- Roasting vs. desired profile evolution during process
- Register occurrences, events and notes
- Record all process
- Analyze and compare roast batches



COFFEE ROAST CONTROL & LOG SYSTEM

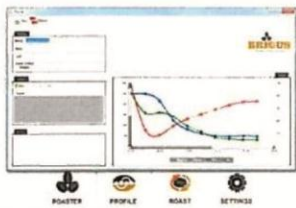




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## PROFILE DEFINITION



Using a roasting batch or another profile already created and stored on BRIGUS database, it's possible to define a new profile. BRIGUS gives all information: green bean, weight of green bean to be roasted, information stored and a chart with lines of bean temperature, burner power (gas valve) and fan speed (air flow) profiles. Each line has ten anchor points. By drag and drop of these points you may draw the profiles you want.

When roasting, in automatic or manual mode, BRIGUS will log information of bean temperature, burner level and fan speed, each second. With this, when that roast is *pulled* from database, in order to create a profile, BRIGUS creates curves similar to the real ones, that may be manipulated in order to fit it.

No need of parameters sometimes obscure for roastermaster, like PID parameters or others.

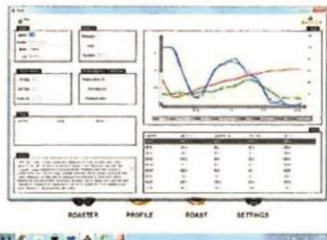
## ROASTING

Choose the wanted profile for the roast. On the chart it will appear dashed lines of bean temperature, burner and fan profiles. After starting roasting, solid lines evaluate, allowing to verify, second by second, the evolution of the roasting process. At any moment, it's possible to select what (burner and/or air flow) is controlled in auto or manual mode.



Before, during or after roasting, important information, like kind and lot of green bean, environmental conditions, events (instant and beantemperature associated), notes (free text), definition and color of roasted coffee, may be introduced.

## ANALYSIS



All information of each roast and profiles is kept in BRIGUS database. That allows a detailed analysis of roasting process, batch by batch or comparing batches.

BRIGUS helps to understand coffee, eliminates unpredictable results and permits to obtain the desired cup.

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