

aillio

Roast with Clarity.



BULLET COFFEE ROASTER

R1 – VERSION 2

WHY THE BULLET ?

- The Bullet R1 is a true drum roaster, easily capable of bringing a full KG of beans to first crack in under 12 minutes – a remarkable feat for a machine that plugs into a standard wall socket.
- And the Bullet R1 is highly responsive to user input, giving you precise control over drum speed, fan speed, and heating power during the course of each roast. You can take samples mid-roast using the “tryer”, sneak a peak at your beans through the sight glass, or obsessively monitor the numbers on the LCD control-panel – it's all up to you.
- The new version 2 includes new Patent Pending infrared bean temperature sensor (IBTS) which gives you the only true temperature reading of the coffee beans while roasting. There is no more lag that traditional probes are notorious for, and the readings are consistent even with different batch sizes – which means that the learning curve has been dramatically reduced.
- The V2 also features new Induction Electronics which means more powerful, more precise heating.



FEATURES

ROASTING

- Roast Capacity: Maximum 1000g, Minimum 350g (fastest roasting for 1kg is 12min)
- Monthly Capacity: 100kg
- Bean Roast Temp: Max 250°C

CONTROLS

- Roast Mode: Manual, Auto*
- Two Temperature Probes: Drum & Bean
- Control Panel Display:
 - Bean Temperature
 - Drum Temperature or Bean Temp Rise-Fall °C/ min
 - Time
 - Heating (9 Steps, 200W-1500W; Fan (9 Steps)
 - Two Custom Buttons
 - Start-Pre Heat-Cool Button



FEATURES

INTERFACE

- Control roaster from your computer via USB.
- Free software for Windows 7/8/10, with Mac OS-X support planned for future.
- Choose to roast in Fahrenheit or Celsius

ROAST SYSTEM

- Drum: Multi vane, 5.9L solid drum
- Exhaust Fan: 78mm removable aluminum centrifugal fan for easy cleaning.
- Bean Loading: Through funnel.
- Bean Ejection: Manual.
- Bean Cooling Tray: Detachable. Fan Cooling. Connected to underside of roaster.
- Chaff Collector: Detachable. Empty every 2-3kg of roasting.



FEATURES

SAFETY

- Protection: Electronics over temperature on both PCB. Heater over temperature protection. Fan lock protection on all fans
- Fault logging: System status is monitored on all major components. Will try to warn prior to fail.

MECHANICAL / REQUIREMENTS

- Input Voltage: 220V-240V - 50Hz-60Hz
- Power Requirement: 1500W
- Size: L: 59cm W 31cm: H:42cm (L:75cm including bean cooler)
- Weight: 14KG
- Country of origin: Designed and engineered in Denmark. Made in Taiwan.



ROASTIME 2

- RoasTime is Aillio's proprietary roast profiling software. You can use the software to both monitor and control your roasts on the Aillio Bullet R1. It is 100% free and version 2 is available for Mac, PC, and Linux systems.
- RoasTime 2 is always being improved and updates to the software will be released to keep you updated with the latest technology.
- RT2 allows you to overlay a profile, playback a profile and even edit a profile. This gives you complete control over your roast and enables you to maintain quality and consistency.

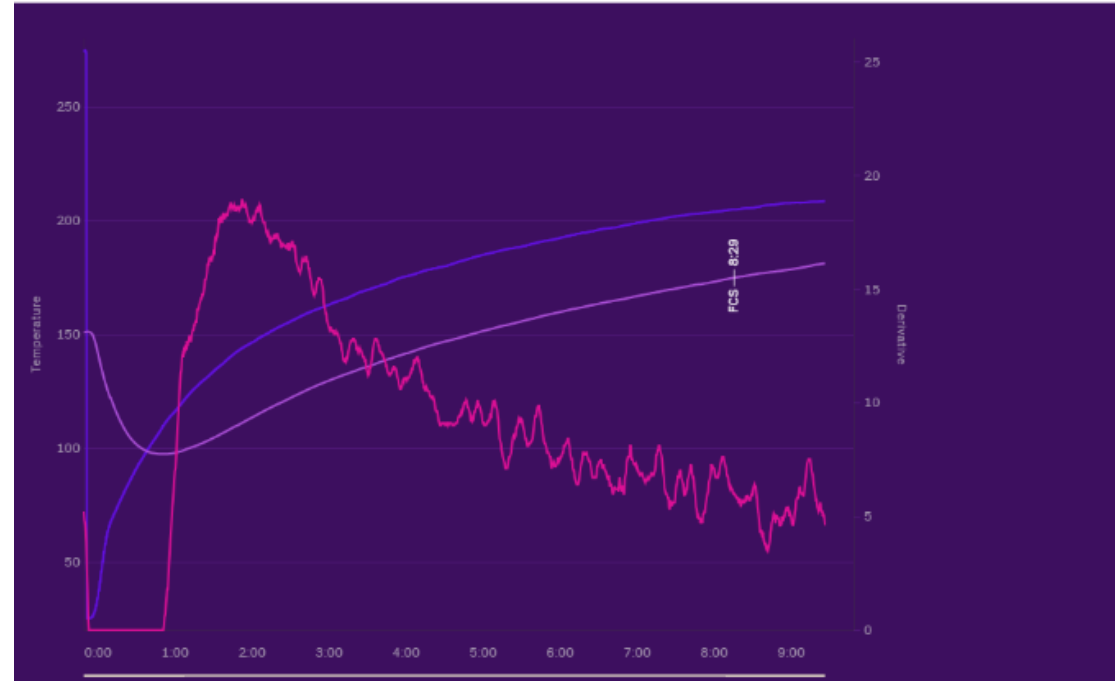
Roasted with Long Miles Coffee Project – Burundi Mikuba Hill Natural

#38 Burundi Natural

— Created 3/27/2019

Overlay Profile

Playback Profile



Total Time	Drum Charge	Preheat Temp	Green Weight	Roasted Weight	Weight Loss
9:35	275°C	275°C	500g	425g	15% (75g)

View Full Roast Profile

From here you can view the full roast profile, or select this profile to overlay or playback.

Contact us for more information on the Bullet Coffee Roaster!

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