

# Operation Manual

Let me personally thank you for purchasing the Behmor 1600. I'm 100% positive the coffees roasted will be the freshest you've ever enjoyed. Until recently, only those in the coffee business almost exclusively enjoyed this coffee experience. The Behmor 1600 changes that. You'll quickly come to find, as I did, that roasting coffee is easy to do, will provide you immeasurable pleasure along with unparalleled coffee.

I'd also like to take a moment to tell you the Behmor 1600 has been designed and manufactured to meet the low pollution standards known as RoHS aka reduced hazardous substances. No agency has required I do this. It is my personal belief we as individuals and companies make the difference. I've also requested, that where possible, all packing material is recyclable and I urge you to recycle this material.

Thank you again and may the Behmor 1600 enable you to enjoy the coffee experience at a higher level than what you are used to.

Joseph Behm  
Inventor and designer

## **Part 1: Introduction to the Behmor 1600**

### **The Behmor 1600:**

The Behmor 1600 is the world's first and only one-pound capacity home coffee roaster. When used with high quality beans, the Behmor 1600 utilizing patent pending smoke suppression technology roasts in virtually every application with no visible smoke up to second crack (term explained later). It is also the only home roaster in the world manufactured with a variable speed motor to facilitate proper bean rotation, plus allow for higher, more efficient cooling and chaff removal. In addition, the Behmor 1600's variable-speed fan controls allow for optimum functionality.

The Behmor 1600 will, in the overwhelming majority of cases, take up to a single pound of green coffee into second crack without emitting visible smoke. For Full City+ roasts, we recommend you reduce the quantity of the roast to ½ pound. The Behmor 1600 is not intended nor meant to roast coffee to levels known as Vienna, French, and Italian or darker.

### **In all cases follow the safety guidelines of roasting in a well-ventilated environment and other points mentioned in the Safe Guards area.**

The Behmor 1600 has been designed to allow the user the option of a quick start method or other easy-to-use programmable options to adjust roast times, roast profiles, and cooling times. Like other aspects of the roaster, the control panel is designed for ease of use. The system has designated weight allowances that coordinate and adjust to various times according to the weight entered. These times create a starting point that can be adjusted to a more precise setting by using the + / - buttons. To add even greater value and provide further options the system has been designed to afford the user the option to choose various roast profiles that can slightly alter the nuances of each coffee to better suit each individual's varying tastes or better suited for a particular bean.

Cooling is an equally important aspect of insuring the finest of end results when roasting. The Behmor 1600 is pre-programmed to immediately go into a cooling cycle once the roast cycle has been completed. It can also be controlled manually. Both cooling features utilize a uniquely designed multi-speed motor. While the cooling is taking place, the chaff tray becomes integral as the fan cools the beans and separates the chaff from the beans by pushing them into the tray for easy disposal.