

Javalytics™ Degree of Roast Analyzer



JAVALYTICS™
by Madison Instruments, Inc.

Javalytics™

Degree of Roast Analyzer

Model JAV-RDA-U

TRADITIONAL DEGREE OF ROAST DARKNESS

The JAV-RDA-U measures traditional degree of roast darkness. The JAV-RDA-U views samples through the bottom of an optically flat dish. You can choose to run from the built in touch screen LCD display or from the optional PC network connection. The touch screen LCD display is the simplest human interface available: an incredibly easy to read, high contrast, and bright blue liquid crystal display, with touch screen operation. It could not be easier, simply touch the screen with a finger. Operating from the a computer, using the optional network software control (JAV-NET), allows the user to input several definable variables (operator, country of origin, roast, etc) and saves data in a comma separated value file with a time and date stamp for each sample.

Other features include:

- Sample Averaging. Ever notice non-uniformity in your beans? Averaging several samples may be a good idea. This feature allows averaging of up to 9 samples.
- Four customizable calibration models. Many customers need to match existing systems, either in another part of their facility or at a customer or vendor lab. You can easily name, modify, and utilize four separate calibration models. This can be done manually by editing the slope and offset, or by using Roast Match™ to automate matching another instrument.
- Battery monitor. It is important to keep battery backed memory with calibration data and results backed up while the power is off. This feature warns you to replace the battery before it is too late.
- Fast Start. With built in temperature compensation, your instrument is ready to use just a few minutes after power up.

SIMPLICITY OF TOUCH SCREEN OPERATION

Plug it in. These are actual photographs of the display:



Touch "CONTINUE"



Touch "CALIBRATION"



Place black reference standard in position and touch "RUN BLACK STD"



Place gray reference standard in position and touch "RUN GRAY STD"



That's all there is to calibration! Now you are ready to run samples. Load the coffee and touch "RUN SAMPLE"



Touch "CONTINUE" to go back to the "CALIBRATION" / "RUN SAMPLE" window

Included with your system:

- The JAV-RDA-U
- Wall plug/power supply
- Gray/Black reference standard
- 2 optically flat dishes
- All User, Administrative, and networking documentation on CD

Optional:

JAV-NET The JAV-NET option adds PC network operation capability to your system. Operating from a PC allows the user to input several definable fields (operator, country of origin, roast, etc) and saves data in a comma separated value file with a time stamp for each sample. This option also includes JAV-FLASH™. With JAV-FLASH™, future firmware updates can be emailed or downloaded from a secure web site and flashed into the system over the Internet port.