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# The ennoLogic eT650D Infrared Thermometer The Perfect Tool for Soap Makers

*Published: Thursday, November 16th 2017, 3:38 am PST*

*Updated: Thursday, November 16th 2017, 3:40 am PST*

The ability to quickly measure temperatures of the ingredient mixtures during the complex process of soap making helps soap makers get great results. The eT650D infrared temperature gun by ennoLogic is a non-contact tool for scanning mixtures at precise temperatures needed to produce high-quality soaps.



Eugene, United States – November 16, 2017 /PressCable/ —

As soap makers know, the temperatures of the oil and lye mixtures have a significant outcome on the quality of the soap produced. Low or high temperatures cause several different problems during the saponification phase which leads to imperfect and even unsafe results.

Low temperatures in the lye or oil mixture cause the oil mixture to solidify too quickly. If this occurs, it causes problems during the saponification process. On the other hand, if the lye temperature is too hot, the saponification process speeds up dramatically which is problematic for more complex soaping techniques.

Fortunately, soap makers can rely on an infrared thermometer to check temperatures throughout the soap making process. The eT650D non-contact infrared thermometer by ennoLogic proves to be an essential tool for any soap maker. Using the hold and scan features of the thermometer allows soap makers to work 'hands free' allowing the thermometer to continually scan from a stationary position while they combine ingredients.

"Because the success of the soap making process depends heavily on the temperature of the mixtures, ennoLogic's eT650D infrared temperature gun provides soap makers with a valuable tool to help produce great soap," says Chris Johnston of ennoLogic.

For most recipes, the optimal temperatures for the soaping lye and oils are between 120°F to 130°F. Many soap makers believe that oil and lye-water should be within 10 degrees Fahrenheit of each other to begin the mixing process.

Because adding lye to water causes an exothermic reaction, the temperature of the lye-water mixture can quickly rise to around 200°F. As all soap makers know, the only safe way to mix water and lye is to add lye to water and never the reverse. This is where the old saying "Add water to lye and you could die" originates. While it's unlikely anyone will die, the consequences can be extremely volatile and could certainly cause injury.

Once the lye has been added to the water, the next step is combining the lye-water with the soap making oils. To mix the lye-water mixture with the oils, soap makers need to carefully monitor the temperature of both mixtures to make sure they measure within a 10°F range of each other before combining.

"The non-contact infrared thermometer allows soap makers to scan the temperature of the mixtures as they are combining them and set the alarm mode to activate an audible alarm indicating when the desired temperature has been reached," adds Johnston.

With such a complex process as soap making, an infrared thermometer allows soap makers to easily measure precise temperatures throughout the process, which help produce the best results. The infrared thermometer is available for purchase at Amazon.com as well as on the ennoLogic website.

About ennoLogic: ennoLogic is a brand of high-quality electronics products with a focus on measurement and test instruments. The brand's goal is to offer reliable, accurate, high-quality technology products at affordable prices, backed by exceptional customer service and support. The ennoLogic brand was founded in 2013 in Eugene, Oregon.

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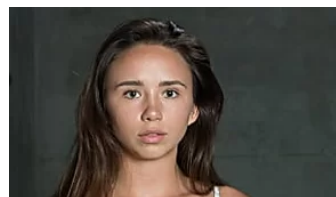
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Release ID: 264581

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