

Essential Oils, Flavours & Fragrances

LMK Thermosafe Ltd has built a strong global reputation for quality and high reliability, designing and manufacturing hazardous area certified industrial heaters for over 30 years.

These include the robust and powerful THERMOSAFE® Induction Drum Heater, the unique FARATHERM® Base Heater and INTELIHEAT® flexible jackets.

Customers in the worldwide Flavours and Fragrances Industry, including IFF, Givaudan and RC Treatt have purchased these specialist products where safety dictates the highest Zone 1 standards.

More recently, our High Power flexible heating jackets and "Digiheat" Base Heaters are being widely used to heat ingredients in the Essential Oils Industry where explosive risks don't normally exist but materials are solid or highly viscous at ambient temperature.



JCBuck Ltd were seeking to replace a very old & energy hungry "clam-shell" drum heater system used in their blending process. After successful on-site trials they found the combination of a Digiheat and HPD2 dual circuit high power heating jacket offered improved performance with reduced electricity usage. Melt times for some raw materials were reduced to just a few hours, yielding productivity gains and greater operational flexibility. Their factory manager commented:

"The heating blanket and digital base heater are easy to use and deliver performance far superior to our previous heating solution. We need to melt full drums to ensure uniform properties when blending, and this arrangement is ideal, achieving consistent and fast melting of key ingredients."

Watch our short video showing the simplicity of set-up and operation:
<https://vimeo.com/user14354814/hpd2drumheater>