

H1X Hot Cell - The Artificial Intelligence (A.I.) Advantage

Artificial Intelligence (A.I.) is rapidly changing the world around us. Machine learning powered by sophisticated algorithms is opening up new potential for technology to understand its users and applications in order to better serve people in all facets of life... *But how can foodservice benefit from such innovation?*

H1X Hot Cell – A.I. Controlled & Powered

In our constant effort to make our customers' lives easier by harnessing the latest technological innovations, Pico leverages the Power of A.I. in our revolutionary VidaCasa H1X Hot Cell. The cordless heating plate utilizes advanced A.I. logic to recognize its application and react accordingly. H1X adapts to its environment to provide optimal energy output, thermal control, and extended battery life... so users don't have to worry about the settings and can focus on entertaining.

Material Matters

The material makeup of the plate being utilized plays an important role in the temperature that its able to retain. Melamine, Porcelain, Cast Iron and Stainless Steel possess unique characteristics and react differently to heat as a result. The better the plate retains heat, the less energy the battery needs to exert to keep your desired temperature. Lower output translates to a longer battery life.

Application Matters

Additionally, the heating application matters. For instance, lighter foods such as a few pieces of salmon will require less heat than a dense full pot of pulled pork. Finally, the temperature at which the food goes onto the H1X factors in, as food that's already very hot will require less heating power at the beginning.

H1X Hot Cell A.I. Responsiveness

H1X utilizes A.I. to recognize the plate material plus the demands of the application and adjusts its output automatically. In applications where the plate is a high conductor of heat, battery output is reduced and thus provides extended life. Effectively, when the heating surface has reached the desired heating temperature, the H1X battery will stop supplying electric current to the heat plate in order to save energy and extend usage time.

Select Your Setting: High or Low

H1X offers 2 heat settings, High at 230°F (110°C) and Low at 176°F (80°C). The battery life ranges 3+ Hours on Low and 2+ Hours on High – the duration is dependent on the plate material.

A.I. Adjusted Battery Life by Material

Assuming all things being equal with the heating application, the AI Advantage of H1X will offer an incremental **BOOST** to your heating duration as per below.

CAST IRON: 

STAINLESS STEEL:   

MELAMINE:  

PORCELAIN:    

What does this mean? The H1X can be used for just about any food warming application on the market, with less liability, cost and footprint.



EASE-OF-USE



ENERGY SAVING



EXTENDED BATTERY LIFE



THE RIGHT HEAT