# The Digital Solution for Plastic Processing

watttron
*The benchmark of efficiency*

## FS and FFS Cup Application


### Challenges
for mono-material processing

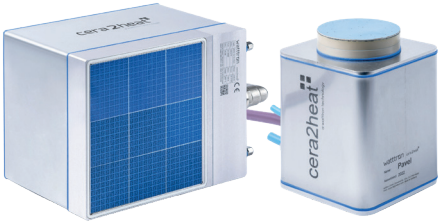
- Unnecessary plastic consumption due to material thickness selected by thinnest packaging area
- Material costs increase due to plastic tax and new materials
- Small processing window for mono material lids leads to high leakage rate and quality issues

## watttrons Solution

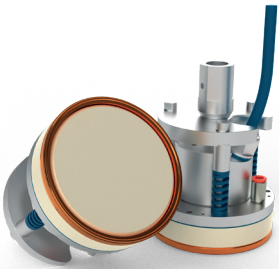
### Benefits

- Control of wall thickness distribution
- Mono-material processing
- Reduction of ramp-up losses
- Inline Quality Control
- Saves up to 50 % of plastic material

### 1 Thermoforming



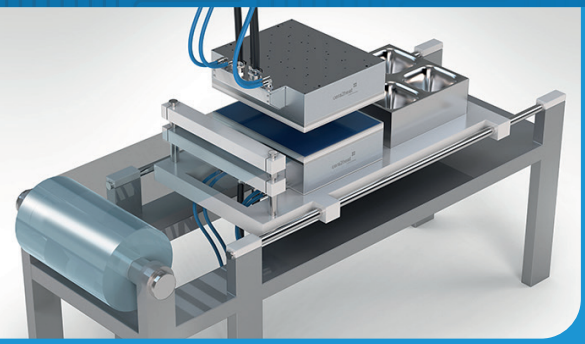

### 2 Round/Contour Sealing



# Technology DeepDive

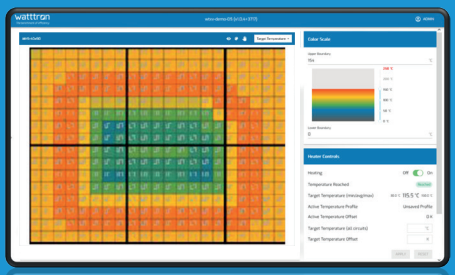
www.watttron.com
E-Mail: info@watttron.com
Tel. GER: +49 (0)351 27180800
Tel. USA: +1 (312) 665-0984

## Thermoforming



Matrix Heater (other formats available)

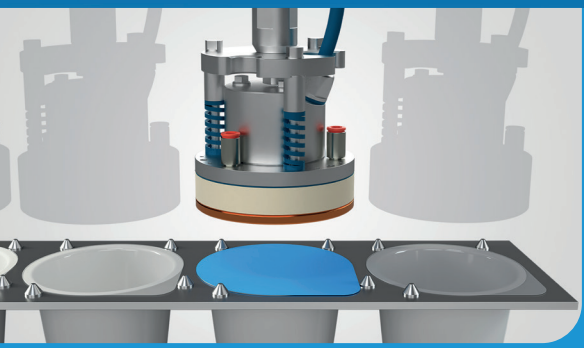
### Intuitive Graphic User Interface



**Up to 50 % material savings**
Pixel-wise heating enables applying an inhomogeneous temperature profile to the film to control the wall thickness distribution. This feature leads to thinner initial film thickness and better packaging quality.

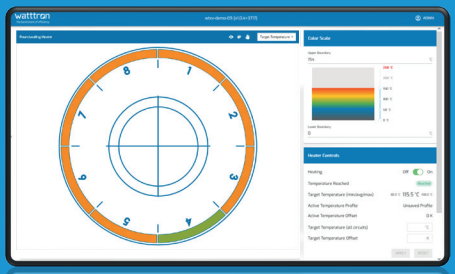
**Video**

## Round/Contour Sealing



Sealing Round Heater Hygienic (other formats available)

### Intuitive Graphic User Interface



**Precise temperature control**
MonoPP lids are sealed securely and efficiently, with fully temperature control enabling variable sealing strength that optimizes opening behavior. The recorded data can be used for inline quality control.

**Video**