

ImPulse Heat (IPH) Sealing



Ceetak's ImPulse Heat Sealing (IPH) technology is a cyclic sealing system which produces consistent high quality seals with true °C temperature feedback.

It overcomes the challenges of fast, modern packaging production lines by achieving excellent results when sealing the latest flexible plastic materials.

The IPH system is easy to set-up, has few maintenance requirements and low operating costs.

We can offer a wide range of IPH system configurations; from the basic seal jaw to complete jaw sets mounted within a module.

A variety of widths are available ranging up to an active sealing area length of + 2,500 mm.

The IPH complete system consists of a seal bar, an electronic temperature controller, all necessary power components and the technical support required from our engineers to achieve the desired performance results for each individual customer's application.

It can be supplied with transverse sealing tools featuring cutters, air blast cooling or water cooling and contoured profile forms are also available.

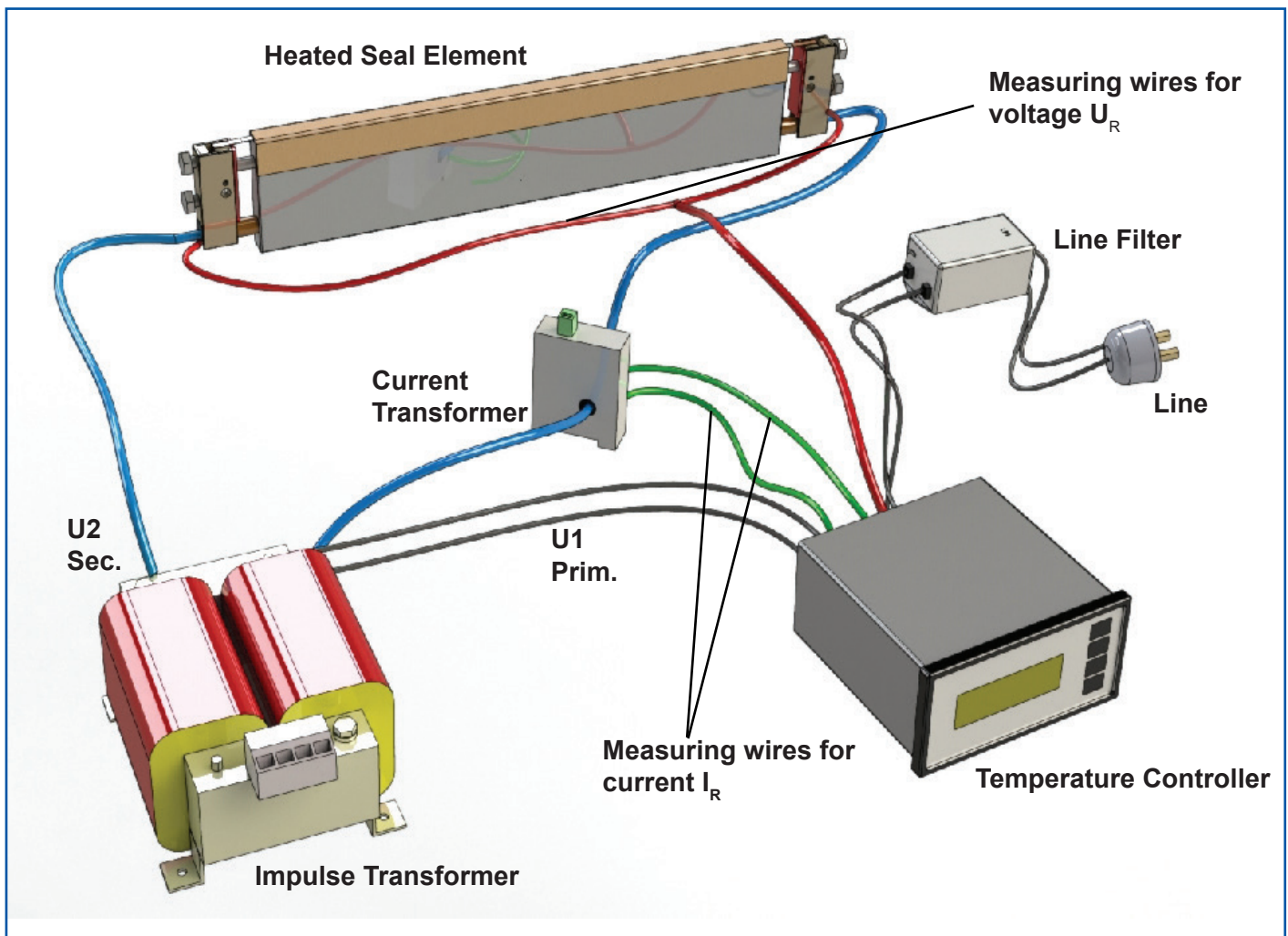
Within our system, precise tension for accurate sealing is maintained with the use of element expansion compensators (in most cases fitted to both ends).

Benefits to customer:

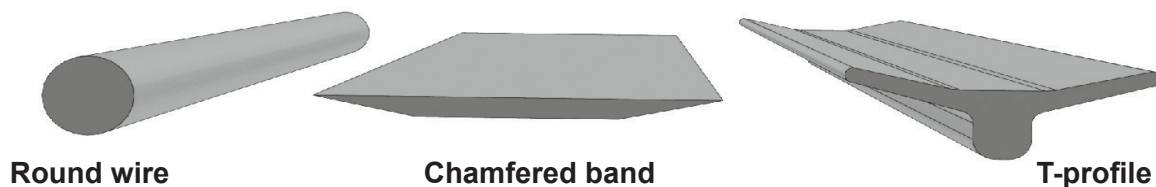
- Low operating costs & simple maintenance
- Consistent & improved productivity
- Easy set-up
- Improved seal aesthetics



ImPulse Heat (IPH) Seal System



Popular ImPulse Seal Profiles



Technical advantages:

- Weld heat generated exactly where required - against the film material
- Low mass elements allow instant thermal reactions - rapid heat up and cool down
 - Virtually lag free data retrieval
- Temperature measurements are determined 50 times per second