

# Process & Control

APPLICATIONS | PRODUCTS | SOLUTIONS

## ONE Supplier ONE Solution

'Integrated Solutions' a range of modular plug & play packages to add to existing factory processes

### CIP Skid Units

- Ready to use units
- Small single tank CIP, 1-3 tank systems
- Data logging for demo of compliance



### Pigging

- Cost saving
- Tailored for application
- Tangible payback



### Processing

- Mixproof valve manifolds
- Electric pasteuriser units
- Fermentation for Pharma & Brewery
- Heat treatment
- Product continuity
- Table top powered liquid mixing
- Batch mixing skids, tanks & control panels
- Perfect for prototyping small batch production
- Designed & delivered



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**INSIDE**

#### COMPRESSED AIR

How can you enhance the efficiency of your compressed air installations? Following these five top tips is a good place to start



#### PROCESS AUTOMATION

With the food industry facing many challenges, ERP can help companies gain a competitive edge by improving compliance and business processes



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Process & Control

# AN INTEGRATED SOLUTION TO PROCESS NEEDS

## HpE Process launches 'Integrated Solutions', a range of modular plug & play packages

Food and Drink manufacturers are always under pressure to keep costs down, while ensuring that their products comply with a raft of regulations. Many small/medium sized food manufacturers do not have the resources of the large global companies in this sector.

Food manufacture is still a labour-intensive process for many and in a climate where access to cheaper migrant labour is going to be restricted more and more, there is a need for cost-effective equipment that can provide tangible cost savings in food manufacturing.

With over 30 years supplying hygienic fluid handling components to the industry, HpE fully understand the process industry and its requirements. The team is very experienced and are able to interpret customer requirements before supplying equipment that fits.

HpE Process are well known in the industry as a supplier of hygienic valves, tube, fittings, pumps, manways and tank equipment, they provide real cost-effective and practical solutions, they know the demands of the industry and what it means for their customers to meet processing standards and achieve sustainable production.

They have launched their 'Integrated Solutions' a range of modular plug & play packages for customers to add to their factory processes. With equipment covering three key areas, they have a solution that will give flexibility across the industry:

### CIP SETS (CLEAN-IN-PLACE) – MOBILE AND SKID MOUNTED

Hygiene is a crucial part of food processing, incorrect cleaning can lead to loss of production, poor product quality or product contamination leading to product recall. It is important to make CIP simple, easy and suitable for any business size. HpE are able to offer ready to use units which, when delivered to site, can be plugged in and can be ready to use immediately.

Offering small single tank CIP trolleys to skid mounted three tank CIP Units, with the options for automation, chemical dosing injection and data logging – in the food industry it is important to demonstrate that the CIP has been done, so data logging collates information such as temperature, cleaning times and chemical concentration.

### PIGGING/PRODUCT RECOVERY

HpE have their own Premisphere system and work with innovative industry specialists to offer three distinct systems, each with its own key features. This allows HpE to select the most suitable equipment for each individual process. All systems are suitable for CIP, with EHEDG/3A approval as an option – something that no other hygienic pigging system supplier can offer.

HpE can deliver systems from simple manually operated to fully automatic with PLC control, that can be linked to factory SCADA systems.

They provide independent advice and un-biased technical support at the all-important enquiry stage for your project, as well as be on site for commissioning and always available for advice and after-sales backup for the life of your investment with tangible payback.

### PROCESSING

HpE Process, as the name suggests, understand food processing. For many years they have been leading stockists of hygienic pumps, valves and tank equipment.

The new range includes:

Equipment for mixing – from small table top powder/liquid mixing trolleys to batch mixing skids including tanks and control panels and cleaning equipment. These are perfect for prototyping small batch production.

Experienced engineers are able to



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fabricate components in-house, from brewery equipment such as yeast culture vessels and small-scale distillation and fermentation vessels, to fully GMP compliant Biotech ferments.

The packaged pasteurisation solutions include small scale electric pasteurisation units up to large HTST pasteurisation skids.

### VALVE TECHNOLOGY

HpE is the sole UK distributor for Evoguard, who are a wholly owned subsidiary of Krones AG. Evoguard offer state-of-the-art mixproof and single seat valve technology as well as hygienic pumps featuring "best-in-class" efficiencies. Evoguard mixproof valve manifolds are designed (as you would expect) to be products that are cost effective, easy to use and work on and include a level of attention to detail that no other valve manufacturer can offer. Every manifold is designed with expansion compensation to reduce stresses from expansion/contraction, each drain point is fitted with a splash guard (not just a pipe pointing at the floor!) and walk-ways are incorporated to ensure that each valve in the manifold is accessible for servicing. All are manufactured in accordance with stringent quality and design guidelines and are reliable.

HpE Process break the mould of your typical hygienic components supplier, they are able to use their strengths to give industry competitively-priced solutions with tangible paybacks.

**HpE Process**  
[www.hpeprocess.com](http://www.hpeprocess.com)



The Premisphere Product Recovery System technology offers a full range of systems that can be tailored to suit any process or budget

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## CIP Skid Units

- Ready to use units
- Automatic / Manual
- Data logging for demo of compliance



## Pigging

- Cost saving
- Tailored for application
- Tangible payback



## Mixing Skids

- Table top powered liquid mixing
- Batch mixing skids & control panels
- Perfect for prototyping small batch testing



## Processing

- Evoguard Valve Manifolds
- Electric Pasteuriser units
- Fermentation
- Designed & Delivered

