PILLAR Technologies
An ITW Company

iFoiler™ Induction Sealer

High Performance Induction Sealing System

2.25 kW iFoiler™

The patented iFoiler™ Induction Sealer is Pillar's flagship induction sealing system that utilizes a 2.25 kW power supply which is 10% smaller and 30% lighter than previous generation systems. This state-of-the-art induction sealer is compact and lightweight to deliver the highest level of functionality when it comes to induction sealing.

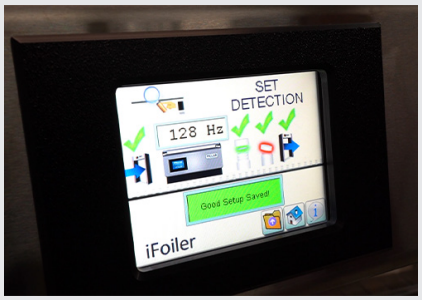
Designed with modularity and flexibility in mind, the iFoiler features:

- **Highly Functional Touch Screen Interface**: 5.7'' TFT QVGA full-color touch screen HMI with simple, uncluttered display to improve operator efficiency; includes password protected supervisory settings, diagnostic help screens, up-loadable event log, recipe menus, intuitive setup screens, and multiple language accessibility and support
- **Protects Against Washdown Processes**: IP65 ready for full protection against washdown processes; the patented high efficiency stainless steel and anodized aluminum inverter saves energy and puts more power to work where you need it
- **Mounted to Durable Mobile Cart**: features a portable stand with welded construction, 4 independent steering roller bearing casters for mobility, leveling pads for stability, 20'' of height adjustment, a coil height indicator with accuracy to 0.001'' - ensuring repeatability and consistency with coil height adjustment, and enables one sealer to serve multiple lines
- **Quick Connect System**: allows for full compatibility and integration with our full line of Optional Cap Sealing Equipment without having to open the cabinet - allowing your sealing to do more as you grow
- **Easy Product Changeover**: easy-turn pivot adjust knob and alignment gauge simplifies set-up for cap changeover, and the ability to save sealing programs enables fast SKU changeover
- **Ability to Seal All Cap Styles & Diameters**: full integration with our patented high efficiency Trans Coils - Universal iCoil™ or inFinity™ Tunnel Coil
- **IGBT Technology**: rugged IGBT Technology and proprietary control circuitry for years of trouble-free operation

Food, Dairy, and Beverage

Household, Automotive, and Agricultural Chemicals

Pharmaceutical and Nutraceutical Packaging



PILLAR Technologies
An ITW Company

iFoiler™ Induction Sealer

High Performance Induction Sealing System

2.25 kW iFoiler™

Energy Efficiency and Sustainability

During the design process of the iFoiler, the Pillar team aimed to create a more sustainable sealing option for clients that maximizes energy efficiency without sacrificing sealing quality and performance. The result is an induction sealer that's highly powerful while still energy efficient, compact, lightweight, and multifunctional.

Because Pillar is dedicated to a greener, more sustainable future, a key aspect of the iFoiler's sustainable design is the reduction in the total amount of materials used. Thanks to digital technology, the iFoiler has fewer internal components, a lower overall machine footprint and weight, and reduced energy consumption. All of this means a lower cost of ownership for the iFoiler, and reduced energy usage for your plant's packaging operations.

Modularity and Flexibility in your Production Lines

For many packagers, switching sealing applications can be a weekly, daily, or even hourly occurence - requiring absolute flexibility and modularity within their operations. In addition to this, typical packaging lines are designed for maximum throughput, but as companies continue to introduce more Stock Keeping Units (SKU's) and meet sustainability goals, modularity and flexibility become even more of an important buying criteria.

The iFoiler Induction Sealer is designed with this in mind, featuring the capability to store up to 50 different applications in the memory of the iFoiler that can be called up independently through the easy-to-use touch screen interface. This drastically reduces changeover time for sealing applications - ultimately improving efficiency and productivity.

Making the iFoiler even more modular and flexible is the ability to easily switch out sealing coils without the use of tools. When you need to change coils, it's as easy as loosening the thumb screws, popping off the bracket, sliding out the old coil, and sliding in the new one.

PILLAR Technologies
An ITW Company

iFoiler™ Induction Sealer

High Performance Induction Sealing System

2.25 kW iFoiler™

Standard Spare Parts Kit

Description	Part Number
Control Board Fuse F1 (5mm x 20mm, 300mA, 250V)	Littlefuse 239.300HXP
Control Board Fuse F2 (5mm x 20mm, 160mA, 250V)	Littlefuse 218.160MXP
Control Board Fuse F3 (5mm x 20mm, 200mA, 250V)	Littlefuse 218.200MXP
Power Board Fuse F1 (30A semiconductor)	PP209-33
Power Board Fuse F2/F3 (5mm x 20mm, 50mA, 250V)	Littlefuse 218.050MXP
Power Board Fuse F4 (5mm x 20mm, 250mA, 250V)	Littlefuse 218.250MXP
I/O Board Fuse F1 (5mm x 20mm, 1.25A, 250V)	Bussman S500-1.25-R
I/O Board Fuse F2 (5mm x 20mm, 5A, 250V)	Bussman S500-5-R
Power Supply Cooling Fan	PP307-679
Coil Cooling Blower	PP307-772
Fan Filter (3.75'')	PP307-623
Fan Filter (4.88'')	PP307-663
Power Supply Disconnect Switch	PP200-551
Power Supply Disconnect Switch Handle	PP200-552
Power Supply Circuit Breaker	PP203-245
Coil Proximity Sensor	PP1006-111
Power Supply Temperature Switch	PP200-517
Inverter IGBT (600V, 150A)	PP604-41
Bridge Rectifier	PP607-19

PILLAR Technologies
An ITW Company

iFoiler™ Induction Sealer

High Performance Induction Sealing System

2.25 kW iFoiler™

Calibrated Board Spare Parts Kit

Description	Part Number
Touch Screen Assembly	B11148-31
I/O PCB Assembly	B11137-1
Power PCB Assembly	B11132-10
Control PCB Assembly	B11131-1

Pillar Technologies Europe
by VME Service & Engineering bv
Weynesbaan 144 - 2820 Rijmenam
Belgium

Phone: +32 15 761357
Sales@pillartech.eu
www.pillartech.eu