

Which In-Cabinet "Plug and Play" Impulse Heat Seal Controller is right for you?

*for Perfect Seals... Every Time*



## IN-CABINET MOUNTED

### PIREG C2-200 Analog

### PIREG C2-220 EtherNet / IP

### RES-5006

### RES-5007

### RES-5027

### RES-5008

### RES-5010

### RES-5011

Features Applications	With PLC-Interface	EtherNet/IP or with PLC Interface	PROFIBUS-DP Interface	With PLC-Interface	With PLC-Interface	Separate Operation Terminal with LED-Display	PROFINET	EtherNet / IP
<b>Compatible With</b>	RES-5007 & RES-5027	RES-5011						
<b>CuL Listed</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Command Interface</b>	Via USB, RS232	Via USB, RS232	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
<b>Control Loop</b>	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
<b>Auto Zero Calibration</b>	24VDC Signal	24VDC Signal	PROFIBUS-DP Interface	24VDC Signal	24VDC Signal	Operation Terminal	PROFINET	EtherNet / IP
<b>Auto Optimization</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Auto Freq. Adjustment 47... 63Hz</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Temperature Selection</b>	Potentiometer / Isolated Analog Input / Command Interface	EtherNet / IP or Potentiometer / Isolated Analog Input	PROFIBUS-DP Interface	Potentiometer / Isolated Analog Input	Potentiometer / Isolated Analog Input	Operation Terminal	PROFINET	EtherNet / IP
<b>Analog Output for Act. Temp.</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Temperature Range</b>	300°C / 500°C Selectable Variable Range via Command Interface	300°C / 500°C Selectable Variable Range via Command Interface	300°C / 500°C Selectable	300°C / 500°C Selectable	300°C / 500°C Selectable	300°C / 500°C Selectable	300°C / 500°C Selectable	300°C / 500°C Selectable
<b>Heatsealing Band Alloy</b>	A20K, A20C, A20L, NOREX, Variable Selectable via Command Interface	A20K, A20C, A20L, NOREX, Variable Selectable via Command Interface	A20K, A20C, A20L, NOREX, Variable Selectable via PROFIBUS Interface	A20K, A20C, A20L, NOREX, Variable Selectable	A20K, A20C, A20L, NOREX, Variable Selectable	A20K, A20C, A20L, NOREX, Variable Selectable	A20K, A20C, A20L, NOREX, Variable Selectable via PROFINET Interface	A20K, A20C, A20L, NOREX, Variable Selectable via EtherNet / IP Interface
<b>Booster Terminals</b>	Yes	Yes	Yes	Not Available	YES	Yes	Yes	Yes
<b>Alarm Indication</b>	LED	LED	LED	LED	LED	Display on Operation Terminal	LED	LED
<b>Alarm Output &amp; Fault Diagnosis</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Alarm Output Invertable</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Preheat Function</b>	From PLC	From PLC	From PLC	From PLC	From PLC	Not Available	From PLC	From PLC

Which Panel Mount "Plug and Play" Impulse Heat Seal Controller is right for you?

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## PANEL MOUNTED

### PIREQ 545

### RES-440

### RES-445

### RES-420

#### Features Applications

With Timer Function, Simple Control Functions can be Realized

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With Timer Function, Simple Control Functions can be Realized

Standard Applications

#### Compatible With

RES440 / 445 / 420

#### CuL Listed

Yes

Not Available

Not Available

Not Available

#### Command Interface

RS 232 / USB

Not Available

Not Available

Not Available

#### Password Protection

3 Levels

Not Available

Not Available

Not Available

#### Batch Counter

Yes

Not Available

Not Available

Not Available

#### Recipe Storage

9 recipes

Not Available

Not Available

Not Available

#### Multiple Point Calibration

Yes

Not Available

Not Available

Not Available

#### Measurement Pause Option

Yes

Not Available

Not Available

Not Available

#### Download Parameters

Yes

Not Available

Not Available

Not Available

#### Display

Multilingual OLED Display

Multilingual LCD Display (yellow/green), Alternative: VF-Display (blue)

Multilingual LCD Display (yellow/green), Alternative: VF-Display (blue)

Multilingual LCD Display (yellow/green), Alternative: VF-Display (blue)

#### Control Loop

Primary

Primary

Primary

Primary

#### Temperature Selection

Display Keys or Isolated Analog Adjustment

Display Keys

Display Keys or Isolated Analog Adjustment

Display Keys

#### Analog Output for Actual Temp.

Yes - Isolated

Yes

Yes - Isolated

Not Available

#### Temperature Range

200°C / 300°C / 400°C / 500°C  
Selectable via Display Keys or RS232/485

200°C / 300°C / 400°C / 500°C  
Selectable via Display Keys

200°C / 300°C / 400°C / 500°C  
Selectable via Display Keys

200°C / 300°C / 400°C / 500°C  
Selectable via Display Keys

#### Heatsealing Band Alloy

A20K, A20C, A20L, NOREX,  
Variable Selectable via Display Keys or RS232/485

A20K, A20C, A20L, NOREX,  
Variable Selectable via Display Keys

A20K, A20C, A20L, NOREX,  
Variable Selectable via Display Keys

A20K, A20C, A20L, NOREX,  
Variable Selectable via Display Keys

#### Alarm Indication

Display

Display

Display

Display

#### Alarm Output & Fault Diagnosis

Yes

Yes

Yes

Yes

#### Alarm Reset

Display Key or 24VDC Signal

Display Key

Display Key or 24VDC Signal

Display Key

#### Preheat Function

Yes - via 24VDC Signal

Yes - via 24VDC Signal

Yes - via 24VDC Signal

Not Available

#### Relay Outputs

2 Relays  
Configuration via Display Keys

1 Relay  
Configuration via Display Keys

1 Relay  
Configuration via Display Keys

Not Available

#### Timer Function

Yes

Yes

Yes

Not Available

#### "Temperature OK" Signal

Yes - Isolated

Yes - Isolated

Yes - Isolated

Not Available