

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
Compatible With	RES-5007 & RES-5027	RES-5011						
CuL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Command Interface	Via USB, RS232	Via USB, RS232	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available
Control Loop	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Auto Zero Calibration	24VDC Signal	24VDC Signal	PROFIBUS-DP Interface	24VDC Signal	24VDC Signal	Operation Terminal	PROFINET	EtherNet / IP
Auto Optimization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Freq. Adjustment 47... 63Hz	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Selection	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
Analog Output for Act. Temp.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Range	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
Heatsealing Band Alloy	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
Booster Terminals	Yes	Yes	Yes	Not Available	YES	Yes	Yes	Yes
Alarm Indication	LED	LED	LED	LED	LED	Display on Operation Terminal	LED	LED
Alarm Output & Fault Diagnosis	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Output Invertable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Preheat Function	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?

for Perfect Seals... Every Time



PANEL MOUNTED

PIREG 545

RES-440

RES-445

RES-420

Features Applications

With Timer Function, Simple Control Functions can be Realized

With Timer Function, Simple Control Functions can be Realized

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