

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-548 Touch Screen

PIREG C2-210 Profinet

PIREG C2-220 EtherNet / IP

RES-5007

RES-5027

RES-5008

RES-5010

RES-5011

Features Applications	With PLC-Interface	Panel Mounted Interface Terminal used with C2 Series Controllers	Profinet or with PLC Interface	EtherNet/IP or with PLC Interface	With PLC-Interface	With PLC-Interface	Separate Operation Terminal with LED-Display	PROFINET	EtherNet / IP
Compatible With	RES-5007 & RES-5027	RES-5008	RES-5010	RES-5011					
CuL Listed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Command Interface	Via USB, RS232	Touch Screen	Via USB, RS232	Via USB, RS232	Not Available	Not Available	Not Available	Not Available	Not Available
Control Loop	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Auto Zero Calibration	24VDC Signal	Touch Screen or 24VDC Signal	Profinet or 24VDC Signal	Ethernet/IP or 24VDC Signal	24VDC Signal	24VDC Signal	Operation Terminal	PROFINET	EtherNet / IP
Auto Optimization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Freq. Adjustment 47... 63Hz	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Selection	Potentiometer / Isolated Analog Input / Command Interface	Touch Screen / Potentiometer / Isolated Analog Input / Command Interface	Profinet or Potentiometer / Isolated Analog Input	EtherNet / IP or Potentiometer / Isolated Analog Input	Potentiometer / Isolated Analog Input	Potentiometer / Isolated Analog Input	Operation Terminal	PROFINET	EtherNet / IP
Analog Output for Act. Temp.	Yes	Touch Screen	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 Touch Screen	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
Heatsealing Band Alloy	A20K, A20C, A20L, NOREX, Variable Selectable via Command Interface	A20K, A20C, A20L, NOREX, Variable Selectable via Touch Screen	A20K, A20C, A20L, NOREX, Variable Selectable via Command Interface	A20K, A20C, A20L, NOREX, Variable Selectable via Command 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 with C2 Controller	Yes	Yes	Not Available	YES	Yes	Yes	Yes
Alarm Indication	LED	Touch Screen	LED	LED	LED	LED	Display on Operation Terminal	LED	LED
Alarm Output & Fault Diagnosis	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alarm Output Invertable	Yes	Yes through C2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Preheat Function	From PLC	from Touch Screen Interface	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	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