

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

for Perfect Seals... Every Time



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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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