

SG1 SWITCHGEAR CONTROL BOX



The Almex SG1 Switchgear Box offers the very latest in control box technology. Using the ALMEXPAD Senior as an interface allows for easy, comprehensive splice cycle management. The SG1 can be built to accommodate specific voltage requirements.

FEATURES

- Real-time temperature control of up to 4 platens
- Input cure profiles by adjusting set points and dwell times
- Temperature and set point indicators
- LCD menu
- Coolant pump control
- Temperature, pressure and current data logging
- Wireless pressure sensing
- 8-point thermocouple input, 4-point RTD input
- Audible alarm for out-of-range temperature, pressure or current
- WiFi connection to ALMEXPAD Senior
- USB data port for communication/logging
- Synchronized platen heat-up (2.8 °C / 5 °F)

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PRODUCT CODE

BAT-SG1-001

SPECIFICATIONS	
• PID temperature control with autotuning	• PT100 RTD inputs
• Pressure range: 0 to 250 PSI	• Voltages: 380V 3Ø, 420V 3Ø, 480V 3Ø, 600V 3Ø
• Temperature range: -30 °C to 45 °C, (-22 °F to 113 °F)	• Output current: 15A per platen, 25A per platen
• 802.11 WiFi enabled	• Wireless pressure sensing: (433.92 MHz)
• 20 x 4 LCD backlit menu display	• Size: 52.7 cm x 25.4 cm x 47.6 cm, (20 3/4" x 10" x 18 3/4")
• Automatic and manual heating control	• Weight: 30.3 kg (67 lbs)
• Audible alarm: 80-90 dB	• Network up to 8 units to control up to 32 platens simultaneously



Note: The above data is based on extensive testing and represents standard values. Shaw Almex Industries reserves the right to make changes without prior notice and refuses all claims arising from such changes. All items are subject to change without previous notice.