

**HOT BONDERS**

# FLIGHTLINE REPAIR SYSTEMS

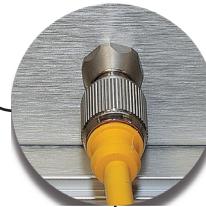


*Model: HCS9000FL (Single Zone)  
NSN: 4920-01-462-4673*

The Flightline Composite Repair Systems include the same basic features, operation and capabilities as the HCS9000 and HCS9200 systems, but are further designed to meet the requirements of Class I, Division II, hazardous environment operation per the U.S. National Electric Code (NEC), as promulgated by the National Fire Protection Association (NFPA).

The primary application is composite and metal bond repairs on fueled aircraft and in other Class I, Division II environments.

Heat blankets\* for the flightline systems include a supervisory grid for over-temperature safety and a ground plane for sensing faulty circuits.



**Network Capable\***  
\*Requires an HCS9300NW Series Controller

**3 YEAR  
WARRANTY**  
\*SUBJECT TO TERMS AND CONDITIONS



*Model: HCS9200FL (Dual Zone)  
NSN: 4920-01-462-4675*

**DESIGNED  
SPECIFICALLY  
FOR HAZARDOUS  
AND FLIGHTLINE  
ENVIRONMENTS**

# Specifications

## HCS9000FL (Single Zone)

Weight - Only 25lbs (11kg)
Dimensions - 23.5in x 17in x 7.75in (59.69cm x 43.18cm x 19.68cm)

## HCS9200FL (Dual Zone)

Weight - Only 37lbs (16.9kg)
Dimensions - 29in x 19in x 9.5in (73.66cm x 48.26cm x 24.13cm)



## FEATURES:

High-Resolution, Software Dimmable, and Sunlight readable LCD Screen (5.25in x 6.75in) (13.33cm x 17.14cm)
Improved Text Entry System with Alphanumeric Keypad
USB Interface for Data Export to USB Storage Device
Rapid Start-up (in as little as 10 seconds)
Over 500 hours of Cure Information (12 Cure Records) Stored for Data Export and Printing
Up to Eight (8) Ramps and Dwells per Program
Automatic Graph Scaling for High Temperature Cures above 500 Degrees
Dynamic Alarm / Control Integration
Select by Hottest, Coldest, Average of All or No. 1 / No. 2 Thermocouple (10 Thermocouple Inputs)
Selectable Metric or English Units
90-264VAC (47-63Hz)
30A Power Output per Zone (Higher amperages available)
Power Failure Auto Recovery
Up to 30 Customizable User Named Cure Profiles
Control / Monitor Toggle for Individual Thermocouples
Enhanced Menu Interface for Easier Navigation

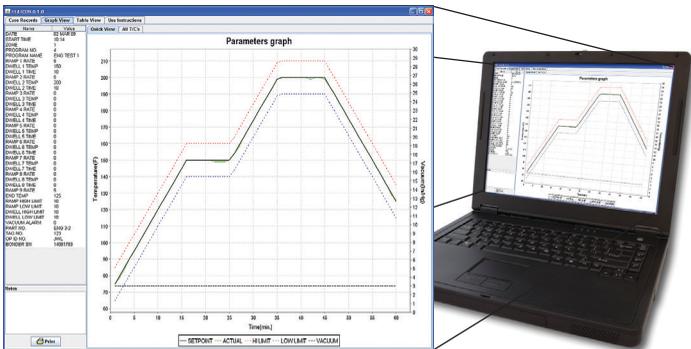
\* System requires special heat blankets for vapor volatile environments. Heat blankets must be ordered separately. Please ask your sales engineer for more information regarding Supervisory Heat Blankets.



Scan for Latest Catalog and Company Information

**Distinctive Specifications:**

- Network capable when connected to an HCS9300NW series controller
- These Units are Purged and Pressurized for Use in Hazardous Environments.
- Dynamic Alarm/Control Integration with Indicators for Pressure Status, Purge Cycle Initiation and System Ready
- Arc Suppressing Power Connectors are Specifically Designed for Hazardous Environments
- A Ground Fault Interrupter (GFI) to Maximize Equipment Safety.
- Independent High Limit Controller Disables Power in the Event of Over-Temperature Conditions.



The Data Capture and Analysis Software (HCS-DCAS) is a visual graphical program used for cure evaluation and to create / store a history of cure records for maintenance repair organizations.