



## DESCRIPTION

DERAY®-SpliceMan IR is a heat shrink system with infrared heating elements designed to process adhesive lined heat shrink tubes onto ultrasonically welded and crimped splice joints.

## FEATURES AND BENEFITS

- Robust and durable IR Quartz emitters
- Safe and easy use via Siemens Touch Panel
- Ideal heat distribution through special shrink chamber
- Communication with upstream ultrasonic welder allows time, temperature and tubing size to be automatically set without operator intervention
- Up to 125 data sets storable
- Cost efficient process because of fast shrinking
- Communication systems: RS232, TCP/IP and OPC UA
- Automatic selection of process parameters via USB scanner or manually via touch panel
- Compressed air not required
- Adjustable parameters: Shrink time, temperature control through Siemens CPU
- Password protected programming mode
- Automatic or manual calibration
- Selection of system language: English, German, Mandarin (others on demand)
- CE and RoHs conformity



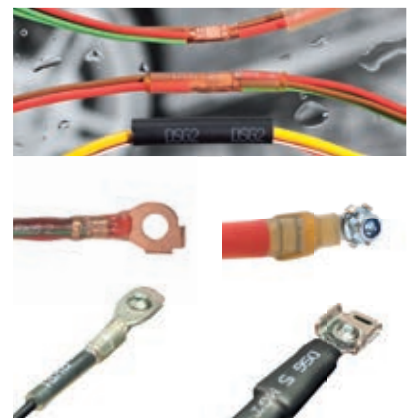
Up to **125**  
DATA SETS STORABLE

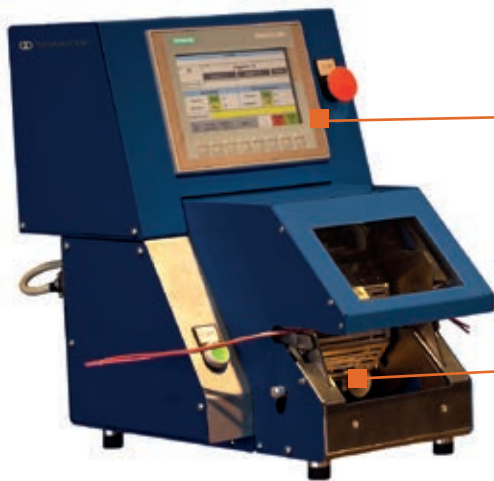
**AUTOMATIC  
COMMUNICATION WITH  
ULTRASONIC WELDING  
MACHINE ENSURES  
PROCESS SAFETY**

## APPLICATIONS:

Parallel splices

## APPLICATION SAMPLE:





Easy handling and selection of programs via Siemens Touch Panel



Infrared quartz heating elements with up to 530 °C

### OPERATION

The shrinking device DERA<sup>®</sup>-SpliceMan IR is equipped with two quartz radiating lamps. The shrink device has separate splice holder tools to process parallel and end splices. After locating the splice sealing product over the splice, the automatic shrinking process is started by pushing the two start buttons. The heating chamber closes around the splice joints. At the end of the shrinking process, the heating chamber returns to the home position and the finished splice is ejected forward.

 Watch our video demos on [www.dsgcanusa.com](http://www.dsgcanusa.com)

### ORDER INFORMATION

DERAY<sup>®</sup>-SpliceMan IR

### HEAT SHRINK PRODUCTS & SIZES

- DERA<sup>®</sup>-SpliceMelt: Sizes 1 to 3, length max. 65 mm
- DERA<sup>®</sup>-SpliceMelt Cap: Sizes 1 to 2, length max. 65 mm
- DERA<sup>®</sup>-UMS: Sizes 1 to 3, length max. 65 mm
- DERA<sup>®</sup>-UMS Cap: Sizes 1 to 2, length max. 65 mm
- HFTX: Sizes 1 to 3, length max. 65 mm

For other products and sizes contact DSG-Canusa Application Engineering.

### SCOPE OF DELIVERY

- Shrink equipment
- Operating manual: English, German (others on demand)

### ACCESSORIES

- Calibration sensor
- USB scanner
- End Splice holder
- Cooling holder

### TECHNICAL DATA

PROPERTY	
Electrical connection	1/N/PE AC 230 V 50-60 Hz
Electrical power consumption	0.5 kW
Rated current	2 A
Electrical fuse protection at the owner	16 A
Degree of protection	IP 20
Shrink temperature at the IR heater	530 °C (986 °F)
Shrink time	6 - 99 sec. depending on wire cross section and number of wires
Ambient temperature	10 °C - 45 °C (50 °F - 113 °F)
Sound pressure level	approx. 50 dB(A)
Dimensions and weight	
Shrink equipment	w 330 x h 475 x d 550 mm w 13 x h 18.7 x d 21.7 in 22 kg (48.5 lbs)