

Stand Alone Heat Treatment Registration System BMSB

Flashtech's HTRS measures, stores and monitors temperatures within your Heat Treatment facility, to meet the requirements needed for BMSB treatment described in 2019-20 Seasonal measures for Brown marmorated stink bug (BMSB). Once installed and configured the system stands out by ease of use.

Just press the start button and go:




- Measures and stores the temperature on several locations in the Heat Treatment location
- When all the temperature sensors reach 56 °C, a timer is started for 30 minutes, cycle will restart if a sensor value drops under 56 °C
- The heating session is stopped automatically once the cycle has ended
- A report is created, containing all temperatures over the time, as proof that the cargo in the location has successfully been heat treated
- Multi Language operation

Characteristics:

- Calibrated, wireless temperature sensors, including certificate
- Fulfils Australian and New Zealand requirements for BMSB heat treatments
- Configurable location size (number of cars or units and amount of sensors/car or unit)
- Progress can be monitored and started via HMI industrial touchscreen PC
- Touchscreen system monitoring and maintenance via 4G router
- Backup reports on USB stick
- Easy replacement of sensors, even during operation
- Link to customers ERP software (e.g. order nr via barcode, report to ERP ftp)

Optional:

- Mail or text message on events (e.g. start heating cycle, stop heating cycle, alarm etc.)
- Start/stop heating (IO link to existing heating system) to start and stop heating session after completion heating cycle
- Intelligent PLC heating control, based on weather conditions aiming for fuel economy or maximum cars or units in time, heat regeneration in case of a twin setup
- Data analysis of heating process for optimization of fuel consumption
- Planning, forecast on weather condition estimated cycle time
- Measurement of humidity for optimizing heating cycle
- Connectivity other type of sensors for monitoring, e.g. CO, CO₂ levels or fire alarm
- Up to three locations can be monitored by one HTRS system on the same site

HTL012020050401				HTL022020050401				
STATUS	HTL01 - TIMER			HTL02 - TIMER				
REMAINING TIME	29:18			29:18				
AMBIENT TEMP	LA	60.6	LB	60.2	LA	60.4	LB	60.5
ZONE	RED	GREEN	BLUE	RED	GREEN	BLUE		
FLOOR	60.0	59.3	60.8	60.5	59.0	59.0		
CONSOLE	60.3	60.3	60.3	60.5	59.6	60.9		
MOTOR	59.8	60.0	60.5	60.2	58.8	60.0		
DASHBOARD	60.2	61.0	59.7	60.5	60.1	59.7		
								
Replace Sensor	Stop			Stop				

Example of two locations with heat regeneration