

# ELECTRONIC DATA RECORDING

1-855-350-HEAT (4328)



since  
1998



# ARTIC THERM

International Ltd.

A Division of Enterprise Group Inc.

## PIONEERS IN FLAMELESS HEATING TECHNOLOGY

### CORPORATE

#### Mission Statement:

To provide an efficient Flameless Heat and Green Air technology for multiple applications using portable equipment to remote locations for the extreme climate challenges.

#### Values:

Honesty, Safety, Experience & Integrity

#### Divisions: Rentals, Projects, Climate Control

Professional & experienced service technicians  
Equipment fleet of over 150  
Innovators of pipeline applications

#### Health, Safety and Environmental:

ISN & PICS members in good standing  
Reduce risk of injury & exposure to airborne contaminants  
Emergency & positive air shut downs  
Active drug and alcohol policy  
Environment friendly equipment  
Double containment portable heaters  
Murphy shut downs (heat, oil, fuel, engine temperature)  
Explosion proof & sparkless alternators



[artictherm.com](http://artictherm.com)

Symbol TSX-E

PIONEERS IN  
FLAMELESS  
HEATING  
TECHNOLOGY

## Innovative Technology

Artic Therm's **Electronic Data Recorder** monitors the ambient air in pipes, tanks and other vessels, providing realtime data of the temperature and dew point levels.

This remote monitoring system consists of sensors placed at both the distal and input ends of the pipe. The data is transmitted back to the main gateway where it is recorded and monitored utilizing Warrior Logging software.



## SPECIFICATIONS

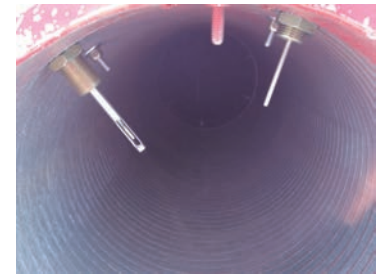
### Key Features

- Recording on time, at user selectable sample rates
- Allows calibration of sensors for accurate results
- Sensors are displayed with their raw data readings
- Outputs are displayed with calibrated values and engineering units for easy interpretation

### Specifications

- Temperature - 10000 ohm thermistor, tolerance +/- .2° C, range -80 to 150° C
- Air flow - Temperature range, -40 to 171° C FPM 0-12000, accuracy , 1.5% of full scale accuracy
- Laser distance - range .2 to 10 meters on white target
- RH, Temperature with Dew Point - Temperature range, -20 to 120° C, Temp accuracy, .5° C RH accuracy, +/- 1%
- RH range - 5 to 95%, dew point - 60 to +40° C
- Wireless gateway and sensor nodes - use 1 W, 900 Mhz radio signal

Time	INLET FLOW	INLET TEMP	INLET HUMIDITY	AMBIENT TEMP	DISTAL TEMP	DISTAL HUMIDITY
02:09:09	110.2	1.7	-3.9	02.0	1.8	
02:09:09	110.0	1.7	-3.5	02.0	1.8	
02:09:09	110.1	1.7	-3.7	02.0	1.8	



## APPLICATIONS AND BENEFITS

HEAD OFFICE:  
9502 - 87th Ave  
Morinville, AB  
T8R 1K6  
(780) 939-3141

Calgary  
Lloydminster  
Grande Prairie  
Fort St. John



### Applications

- Pipe, tank and vessel drying to extremely low dew point levels
- Maintain steady temperature and airflow
- Tank drying, coating and curing
- Commissioning and decommissioning lines
- Gas compressor and plant startups



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