

Flexotherm® Canister Heater and Controller

Most Accurate Method for Hot Air Profiling

The most accurate method available for hot air profiling.

State-of-the-art hose-end process air heaters solve ultra-high temperature requirements.

Precision control of compressed air for pressure, flow and temperature.

All Flexotherm® Heated Products are backed by a 2-Year Warranty.

Flexotherm® manufactures state-of-the-art hose-end process air heaters to supply hot air for underbody Siamese sample lines. Canister heater is designed to be used with standard temperature controllers.



PX Series

- ◆ Trimmed thermocouple output
- ◆ Phenolic case for safe handling
- ◆ Over-temperature switch to prevent over-heating

XL Series

- ◆ Enclosed element for long life
- ◆ Rugged indestructible outer case
- ◆ Longer time constant for easier controller tuning

Specifications

- ◆ Wattage: 500W @ 120VAC and 230VAC
- ◆ Maximum Operating Temp: 400°F / 200°C



Air Flow

- ◆ Nominal: 42 LPM / 1.5 CFM
- ◆ Minimum: 28 LPM / 1.0 CFM
- ◆ Maximum: 90 LPM / 3.0 CFM

Single-Channel Controller

This all-in-one, precision control system for our Canister Heater XL Model, eliminates the need for designing and implementing more costly 'Made-to-Order' control panels. This innovative design supplies and conditions the air-flow, and provides power and sensor outlets to the Canister Heater.

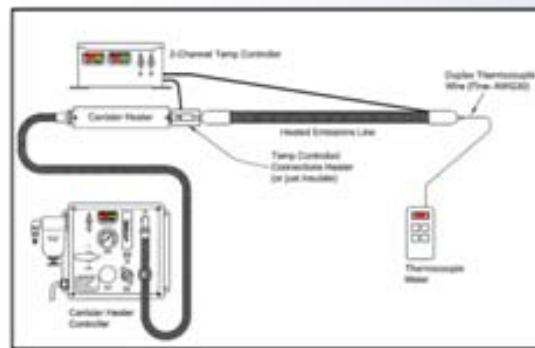


Standard Features

- ◆ Pressure gauge and rotameter to monitor air flow and pressure
- ◆ Dual-display temperature controller
- ◆ Easy-change filter element for solid and liquid particulates
- ◆ Built-in power shut-off to prevent over-temperature conditions if air-flow fails
- ◆ NEMA-type enclosure
- ◆ Circuit breaker for main power

Options

- ◆ J or K Thermocouple
- ◆ Variety of air-inlet ports
- ◆ Range of voltage options
- ◆ Replacement filters in several micron ratings



Hot Air Profiling System

Flexotherm's innovative system is the simplest and most accurate method available for hot air profiling.

- ◆ Conditions compressed air for temperature profiling of heated sample lines
- ◆ Canister heater solves ultra-high temperature requirements
- ◆ Controller enables precise control of compressed air for pressure, flow and temperature
- ◆ Compact single or multi-station design

Part Number Guide



Canister Heater Part Number Guide		
Series	PX—Standard Canister Heater XL—Extended Life Canister Heater	
Power	A—120VAC B—230VAC	
Sensor	J—J-Type Thermocouple K—K-Type Thermocouple	
Hose Length	Specify in Feet	



Canister Heater Controller Part Number Guide		
Series	PX—Standard Canister Heater XL—Extended Life Canister Heater	
Channels		
Power	A—120VAC B—230VAC	
Sensor	J—J-Type Thermocouple K—K-Type Thermocouple	
Ports		
Filters	Specify in Feet	

Warranty

All of our quality heated products are backed by a limited Two-Year Warranty

- Full Coverage on repairs caused by defects in workmanship
- Quick turn-around time on repairs
- Phone support during repair process.
- Repaired on-site whenever possible.



About Us

Flexotherm® A Division of Neptech has established a reputation for quality emissions testing components since 1994. Our mission is to partner with industry leading companies to harness technologies that help reduce emissions and meet corporate and EPA standards.

Our multi-faceted engineering, design and manufacturing capabilities enable us to deliver innovative and cost-effective solutions to R&D facilities and OEMs worldwide.

Contact Us

If you have any questions or need additional information, please call (810) 225-2222
Or visit our site:

[www.Flexotherm.net / canister-heaters](http://www.Flexotherm.net/canister-heaters)

