

## HEATED SAMPLE PROBES

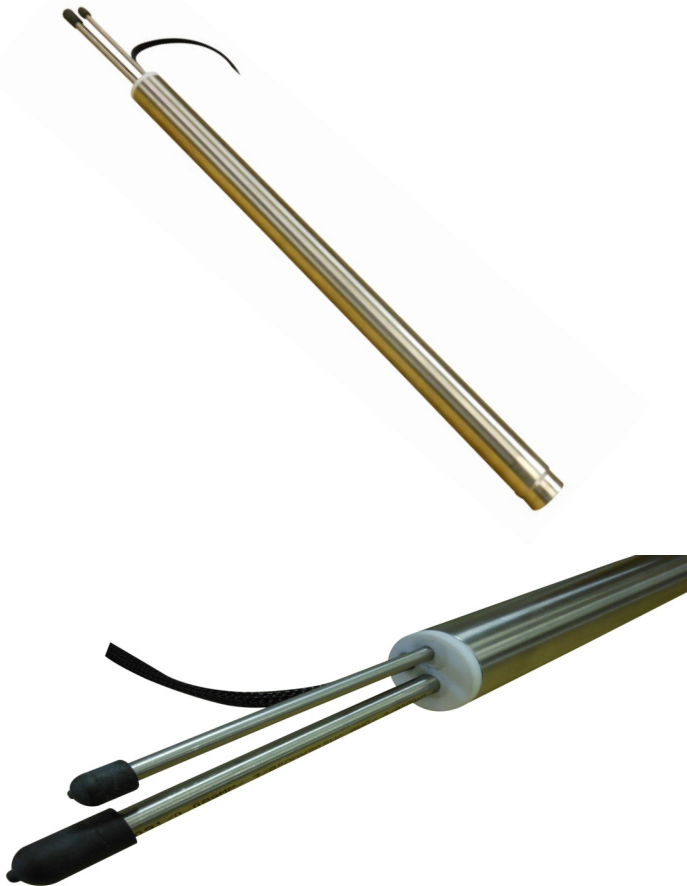
**Neptech Inc.** designed a Flexotherm™ Heated Sample Probe for applications requiring extraction and thermal control of gaseous emissions samples. Constructed of superior insulation and heated with a proprietary heater element, our sample probe can withstand life within a test-cell.

### FEATURES

- Sample outlet port
- Sample extraction tip
- Span tip / overflow port
- 400°F (204°C) Operational Temperature
- Custom lengths available
- Stainless Steel exterior for maximum durability
- 316 Stainless Steel throughout the wetted sample path

### INDUSTRIES

- Automotive, Diesel Engine Testing
- CEMS - Continuous Emissions Monitoring Systems
- Laboratory applications requiring span overflow and sample stream temperature verification



### OPTIONS

#### Available Options

316 L Stainless Steel

Dursan SilcoNert® Coating for improved resistance from Ammonia contaminants

Titanium exterior material

## HEATED SAMPLE PROBE

<b>HSP</b>			<b>376°F (191°C)</b>		
Series	Diameter	Lead Length	Temperature	Power	Sensor Type

<b>Series</b>	<b>HSP - Heated Sample Probe</b>	
<b>Diameter</b>	1.25" (3.175 cm)	1.50" (3.81 cm)
	304 Stainless Steel Main Shell - 1.25" x 0.049 (3.175 cm x 0.1124 cm) 316 Electro Polished Stainless Steel Sample Line - 0.25" x 0.035" * 316 Stainless Steel Cal Line - 0.125" x 0.020" (0.3175 cm x 0.0508 cm) *(0.635 cm x 0.0889 cm)	304 Stainless Steel Main Shell - 1.5" x 0.049 (3.175 cm x 0.1124 cm) 316 Electro Polished Stainless Steel Sample Line - 0.375" x 0.035" * 316 Stainless Steel Cal Line - 0.250" x 0.035" (0.635 cm x 0.0889 cm) *(0.9525 cm x 0.0889 cm)
<b>Lead Length</b>	<u>PROBE</u> Standard ≈ 40" (1 m)	<u>PROBE</u> Standard ≈ 6' (1.8288 m)
<b>Temperature</b>	376°F (191°C) Operational Temperature	
<b>Power</b>	<u>VOLTAGE</u> <b>A</b> - 110 / 115 / 120 VAC <b>B</b> - 208 VAC <b>C</b> - 220 / 230 / 240 VAC	<u>POWER CONNECTOR OPTIONS</u> <b>A</b> - 7 Pin AMP™ (Power Pins 3-5) 10 Amp maximum load <b>T</b> - Mini Twist Lock (NEMA ML2-15) (standard) <b>W</b> - Straight-Blade (NEMA 5-15) (typical wall outlet) <b>M</b> - Molex 3 Pin <b>N</b> - None-Flying Leads
	<b>J</b> - J Type Thermocouple <b>K</b> - K Type Thermocouple	<u>SENSOR CONNECTOR OPTIONS</u> <b>M</b> - Mini Thermocouple (standard) <b>F</b> - Full Size Thermocouple <b>A</b> - 7 Pin AMP™ (Sensor Pins 1 and 2) <b>R</b> - RTD 3 Pin (Used for 2 and 3 wire RTDs) <b>N</b> - None-Flying Leads <b>S</b> - Custom / Special (Specify Connector P/N)