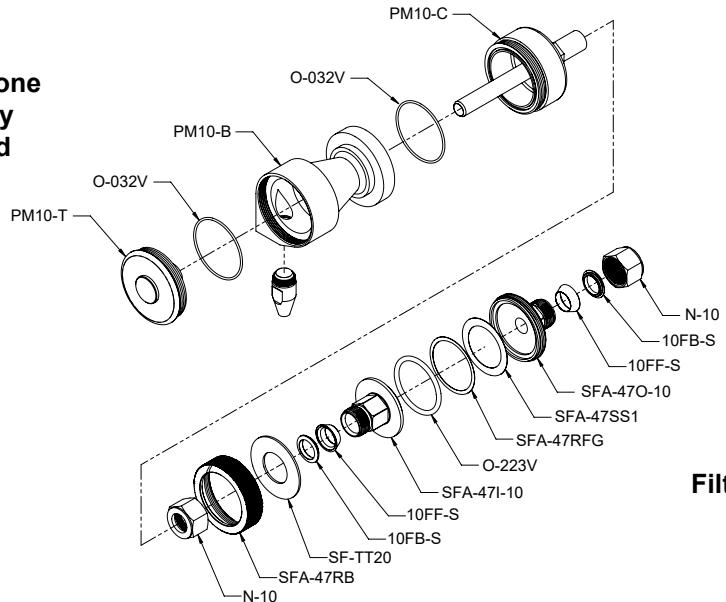


## PM10 Cyclone Assembly # PM10-K Packing List

**PM10 Cyclone Assembly Exploded**



**SFA-47 Filter Assembly Exploded**

**PM10-K includes:**

Part #	Description	Quantity	Qty Shipped
<b>PM10</b> <i>Includes:</i>	PM10 Cyclone Body Only, SS, Method 201A	1	
	<b>PM10-B</b> Cyclone Body	1	
	<b>PM10-C</b> Collection Cup	1	
	<b>PM10-T</b> Cap	1	
	<b>O-032V</b> Viton O-ring for PM10 Cyclone	6	
<b>PM10-NS</b> <i>Includes:</i>	Nozzles, Set of 12 for PM10 Cyclone	1	
	<b>PM10-N0</b> Nozzle, PM10, SS, .125 Size 0	1	
	<b>PM10-N1</b> Nozzle, PM10, SS, .136 Size 1	1	
	<b>PM10-N2</b> Nozzle, PM10, SS, .150 Size 2	1	
	<b>PM10-N3</b> Nozzle, PM10, SS, .164 Size 3	1	
	<b>PM10-N4</b> Nozzle, PM10, SS, .180 Size 4	1	
	<b>PM10-N5</b> Nozzle, PM10, SS, .197 Size 5	1	
	<b>PM10-N6</b> Nozzle, PM10, SS, .215 Size 6	1	
	<b>PM10-N7</b> Nozzle, PM10, SS, .233 Size 7	1	
	<b>PM10-N8</b> Nozzle, PM10, SS, .264 Size 8	1	
	<b>PM10-N9</b> Nozzle, PM10, SS, .300 Size 9	1	
	<b>PM10-N10</b> Nozzle, PM10, SS, .342 Size 10	1	
	<b>PM10-N11</b> Nozzle, PM10, SS, .390 Size 11	1	
<b>SFA-47</b>	Filter Assembly, 47mm, 5/8 TU, SS w/Viton O-rings	1 (see SFA-47 Packing List)	
<b>PM10-CS</b> <i>Includes:</i>	Case, PM10 or PM2.5, with Foam insert	1	
	<b>SH-32</b> Case, Plastic, Molded	1	
	<b>PM10-FOAM</b> Foam Insert for Case	1	
<b>AZNI-4</b>	Anti-Seize, NI, .25 oz tube	1	

See page 4 for inconel alloy  
version parts list

PM10-K and PM10-K-INCO - PM10 Cyclone Kit  
- PL Revision Date: 4/30/24  
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See page 2 for replacement  
parts and accessories



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### ***Stainless Steel Replacement Parts and Accessories***

<b>Part #</b>	<b>Description</b>
MPT-6-255-OFF-WC	Extended Pitot Tip for PM10, Offset, Wind Cal.
O-032V	O-ring, PM10, Viton (260 °C/500 °F)
O-032H	O-ring, PM10, Stainless Steel (650 °C/1200 °F)
O-223V	O-ring, SFA-47, Viton (260 °C/500 °F)
O-223H	O-ring, SFA-47, Stainless Steel (650 °C/1200 °F)
SF-TT20	Ring, Thrust, SFA-47, Teflon
SFA-47SS1	Screen, Filter Support, 47mm, SS1
GF-47	Filters, Glass Fiber, 47 mm
GF-47QH	Filters, Quartz Fiber, 47 mm
GF-47TPG	Filters, PTFE/Glass Fiber, 47 mm

### ***Inconel Replacement Parts and Accessories***

<b>Part #</b>	<b>Description</b>
MPT-6-255-OFF-WC-INCO	Extended Pitot Tip for PM10, Offset, Wind Cal.
O-032V	O-ring, PM10, Viton (260 °C/500 °F)
O-032H	O-ring, PM10, Stainless Steel (650 °C/1200 °F)
O-223V	O-ring, SFA-47, Viton (260 °C/500 °F)
O-223H	O-ring, SFA-47, Stainless Steel (650 °C/1200 °F)
SF-TT20	Ring, Thrust, SFA-47, Teflon
SFA-47SS-INCO	Screen, Filter Support, 47mm, Inconel
GF-47	Filters, Glass Fiber, 47 mm
GF-47QH	Filters, Quartz Fiber, 47 mm
GF-47TPG	Filters, PTFE/Glass Fiber, 47 mm

## PM10-K for the Determination of PM10 Emissions

The PM10 Cyclone is built to USEPA specifications for Method 201A testing and is designed for in-stack measurement of particulate matter equal to or less than 10 microns. The shank has a 5/8-inch outer diameter for easy adaptation to method 5 probe assemblies. The cyclone and twelve nozzles are enclosed in a sturdy, foam-lined, plastic case.

The durable stainless steel construction makes this cyclone ideal for high temperatures up to 260°C (500°F). We also have the stainless steel O-rings available for high-temperature conditions.

Our high temperature version of the product, made of alloy 600, is recommended for temperature up to 871° (1600 °F)

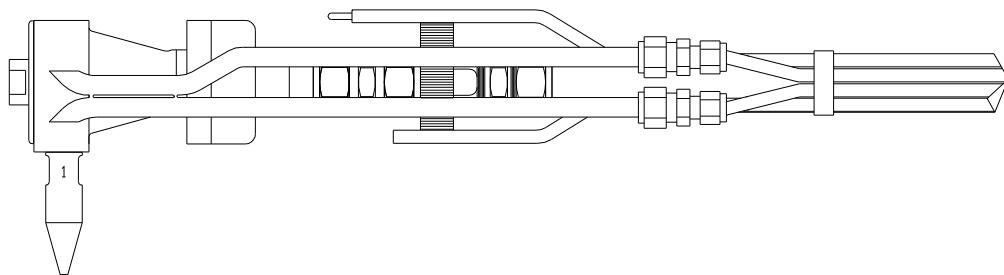
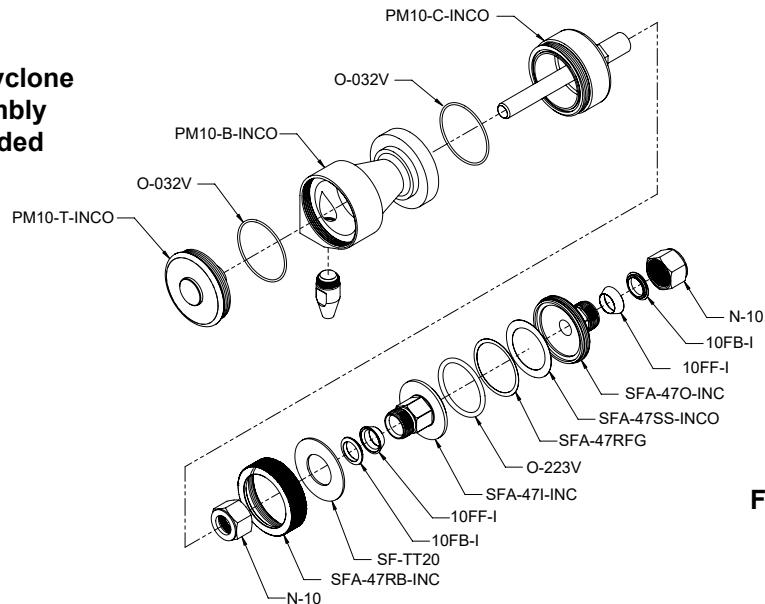


Figure 2 PM10 and SFA-47 shown installed with extended pitot tip

## PM10 Inconel Cyclone Assembly PM10-K-INCO Packing List

**PM10 Cyclone  
Assembly  
Exploded**



**SFA-47  
Filter Assembly  
Exploded**

### PM10-K-INCO includes:

Part #	Description	Quantity	Qty Shipped
<b>PM10-INCO</b> <i>Includes:</i>	PM10 Cyclone Body Only, Inconel, Method 201A	1	
	<b>PM10-B-INCO</b> Cyclone Body	1	
	<b>PM10-C-INCO</b> Collection Cup	1	
	<b>PM10-T-INCO</b> Cap	1	
	<b>O-032V</b> Viton O-ring for PM10 Cyclone	6	
<b>PM10-NI</b> <i>Includes:</i>	Nozzles, Set of 12 for PM10 Cyclone	1	
	<b>PM10-N0-INCO</b> Nozzle, PM10, Inconel, .125 Size 0	1	
	<b>PM10-N1-INCO</b> Nozzle, PM10, Inconel, .136 Size 1	1	
	<b>PM10-N2-INCO</b> Nozzle, PM10, Inconel, .150 Size 2	1	
	<b>PM10-N3-INCO</b> Nozzle, PM10, Inconel, .164 Size 3	1	
	<b>PM10-N4-INCO</b> Nozzle, PM10, Inconel, .180 Size 4	1	
	<b>PM10-N5-INCO</b> Nozzle, PM10, Inconel, .197 Size 5	1	
	<b>PM10-N6-INCO</b> Nozzle, PM10, Inconel, .215 Size 6	1	
	<b>PM10-N7-INCO</b> Nozzle, PM10, Inconel, .233 Size 7	1	
	<b>PM10-N8-INCO</b> Nozzle, PM10, Inconel, .264 Size 8	1	
	<b>PM10-N9-INCO</b> Nozzle, PM10, Inconel, .300 Size 9	1	
	<b>PM10-N10-INCO</b> Nozzle, PM10, Inconel, .342 Size 10	1	
	<b>PM10-N11-INCO</b> Nozzle, PM10, Inconel, .390 Size 11	1	
<b>SFA-47-INCO</b>	Filter Assembly, 47mm, 5/8 TU, Inconel w/Viton O-rings	1 (see SFA-47-INCO Packing List)	
<b>PM10-CS</b> <i>Includes:</i>	Case, PM10 or PM2.5, with Foam insert	1	
	<b>SH-32</b> Case, Plastic, Molded	1	
	<b>PM10-FOAM</b> Foam Insert for Case	1	
<b>AZNI-4</b>	Anti-Seize, NI, .25 oz tube	1	