

## ***Advanced Notice of Product Release of TEOM Series 1405***

TEOM 1405 Ambient Particulate Monitor  
TEOM 1405-D Dichotomous Ambient Particulate Monitor  
TEOM 1405-F Ambient Particulate Monitor with FDMS  
TEOM 1405-DF Dichotomous Ambient Particulate Monitor with FDMS

September 7, 2007

Thermo Fisher Scientific Air Quality Instruments is pleased to provide advanced notice of release of the TEOM Series 1405 product line for ambient particulate monitoring. The TEOM Series 1405 is intended to replace the successful TEOM 1400ab ambient particulate monitor using modernized electronics, a touch screen user interface, and is packaged into a single cabinet. The TEOM Series 1405 will address the need to provide PM-2.5, PM-10, and PM-Coarse measurements defined in new USEPA standards and methods. The TEOM Series 1405 provides a cost effective way for customers to achieve multiple PM measurements in a single instrument.

The TEOM Series 1405 is offered in 4 models to provide from 1 to 3 PM measurements: PM-10, PM-2.5 (Fine), and PM-Coarse (PM10-2.5). In addition to providing PM measurements, customers can choose to add an FDMS option to account for the volatile and semi-volatile fraction. The following models will be offered:

- TEOM 1405 Ambient Particulate Monitor
- TEOM 1405-F Ambient Particulate Monitor with FDMS
- TEOM 1405-D Dichotomous Ambient Particulate Monitor
- TEOM 1405-DF Dichotomous Ambient Particulate Monitor with FDMS

The TEOM Series 1405 provides a self-referencing, NIST-traceable true mass measurement using Thermo Scientific's proven TEOM® technology. The 1405 differentiates itself from competitors by utilizing a direct mass measurement that is not subject to measurement uncertainties found in other technologies.

### ***Date TEOM Series 1405 Available for Purchase:***

TEOM 1405-DF Dichotomous Ambient Particulate Monitor with FDMS	<i>Now Available!</i>
TEOM 1405 Ambient Particulate Monitor	October, 2007*
TEOM 1405-D Dichotomous Ambient Particulate Monitor	October, 2007*
TEOM 1405-F Ambient Particulate Monitor with FDMS	October, 2007*

\*Shipments begin in January 2008

**The TEOM Series 1405 will replace the following products:**

# Measurements	Proposed offering	Replaced offering
1 (PM-1, -2.5, -10 or TSP)	TEOM 1405	TEOM 1400ab
3 (PM-2.5, PM-Coarse, & PM-10)	TEOM 1405-D	<b>Two</b> TEOM 1400ab
1 (PM-1, -2.5, -10 or TSP + volatiles)	TEOM 1405-F	TEOM 1400ab + FDMS 8500
3 (PM-2.5, PM-Coarse, & PM-10 + volatiles)	TEOM 1405-DF	<b>Two</b> TEOM 1400ab + FDMS 8500

**\*\*Please note that the FDMS 8500 is not being discontinued and will be available to customers who want to upgrade their existing TEOM 1400ab units.\*\***

**Last Date Accepting Product Orders:**

TEOM Series 1400 model ab Ambient Particulate Monitor     June 30, 2008

**Last Date Accepting Service Support:**

TEOM Series 1400 model ab Ambient Particulate Monitor     June 30, 2018

**Last Date Spare Parts Availability\*:**

(\*It is possible that certain parts could become unavailable prior to the end of the defined period due to supplier availability or regulatory restrictions)

TEOM Series 1400 model ab Ambient Particulate Monitor     June 30, 2018

We are pleased to be able to offer our valued customers continued spare parts and service/ technical support for the period mentioned above. In order to provide you with the direct sales and service support you deserve, please note the following contact information for the discontinued and replacement products:

**Customer Service:**                    [customerservice.aqi@thermofisher.com](mailto:customerservice.aqi@thermofisher.com)

ph 866-282-0430

ph 508-520-0430

fx 508-520-1460

Sincerely,

Maria Johncox  
North American Aerosol Product Manager