AEROTECH (P&K) An Affiliate of Severn Trent Laboratories, Inc.

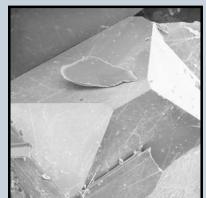
2007 Calendar

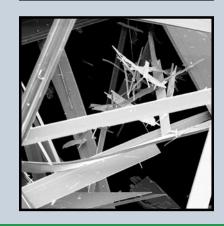








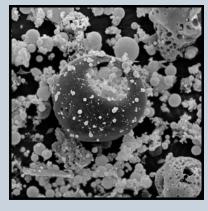


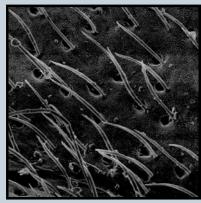


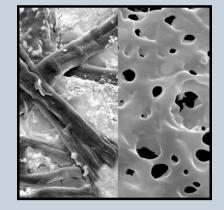












January

Thermal Imaging

Fluke® TiR2 FlexCam w/ Fusion 007-3271-00

- Picture-In-Picture
- Zoom Capabilities
- Larger Screen
- Standard/Removable Memory Card
- Increased Color Palettes
 Increased Sensitivity
- Windows Based Reporting Software
- Fusion-Allows Mixing of Thermal and Visible Images

Investigators now have the ability to examine roofs, floors, and walls for moisture intrusion in a minimal amount of time - translating into significant cost savings.





January 2007

CLINDAY	MONDAY	THECDAY	WEDNECDAY	THIDODAY	EDIDAY	CATUDDAY
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 New Year's Day	2	3	4	5	6
7	8	9	10	11	12	13
14	Martin Luther King Day	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	S M T W R F S S 1 2 3 3 4 15 16 17 18 19 20 21 22 23 24 25 26 27 28 F F F F F F F F F

February

Aragonite

Aragonite is a spear-shaped orthorhombic crystal, composed of calcium carbonate. It was taken from a hand specimen consisting of radiating fibrous masses. It's found in Spain, southern France and Sicily. Pearls from secretions of mollusks also are composed of Aragonite. This mineral specimen was donated by Tony Mariano (Exploration Geologist). (100X).



February 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19 President's Day	20	21	22	23	24
25	26	27	28		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	MARCH 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

March

Spore Traps

These cassettes collect both viable and non-viable fungal spores, providing a much broader overview of potential allergens and contaminants than conventional culture sampling techniques. Slide Impaction Cassettes operate upon the principle of inertial impaction. Particulate laden air is drawn through the inlet and impacted on a glass slide containing the collection media. The adhesive on the slide prevents the collected particulates being washed off during the staining process and eliminates sample loss during shipment.







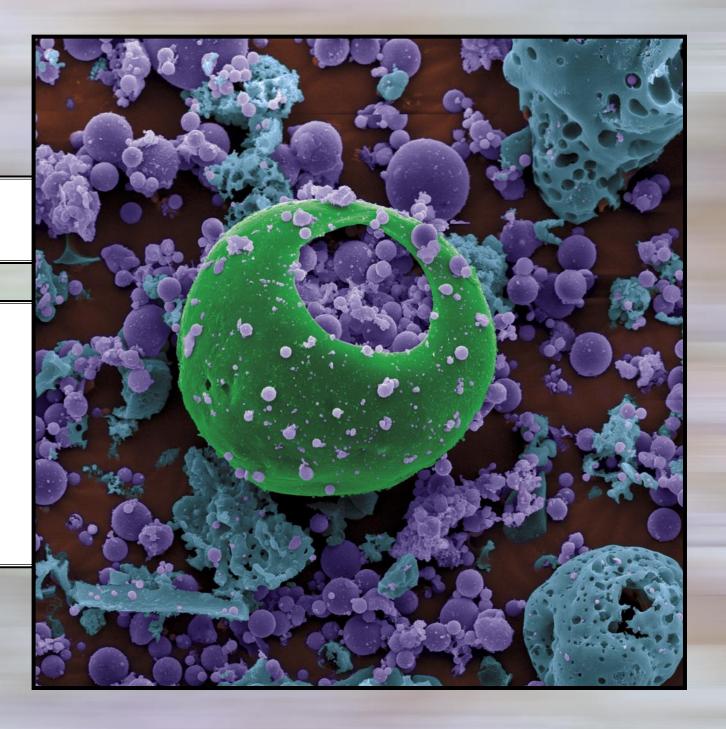
March 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

Coal Fly Ash

Coal fly ash is a byproduct from the combustion of coal. It's a vitreous, smooth, spherical, powdery material that would "fly" out of the power plant's stacks if it was not captured. Most power plants today collect their fly ash for production of concrete, or as a mineral filler for paints, shingles and carpet backing. Airborne coal fly ash can cause potential respiratory health problems in the lungs due to the presence of micron-size particles. (1000X).



April 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30				1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MAY 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

May

True HEPA AVS 003-3082-00 Vacuum System

This vacuum system offers true HEPA protection with its 99.7% efficient filter that captures particles as small as 0.12µm. The DustChek™ provides an efficient and effortless way to collect dust samples for multiple analyses. This small apparatus can be used with the AVS or any standard vacuum cleaner with removable hose attachments. This equipment meets IESO standards for sampling.





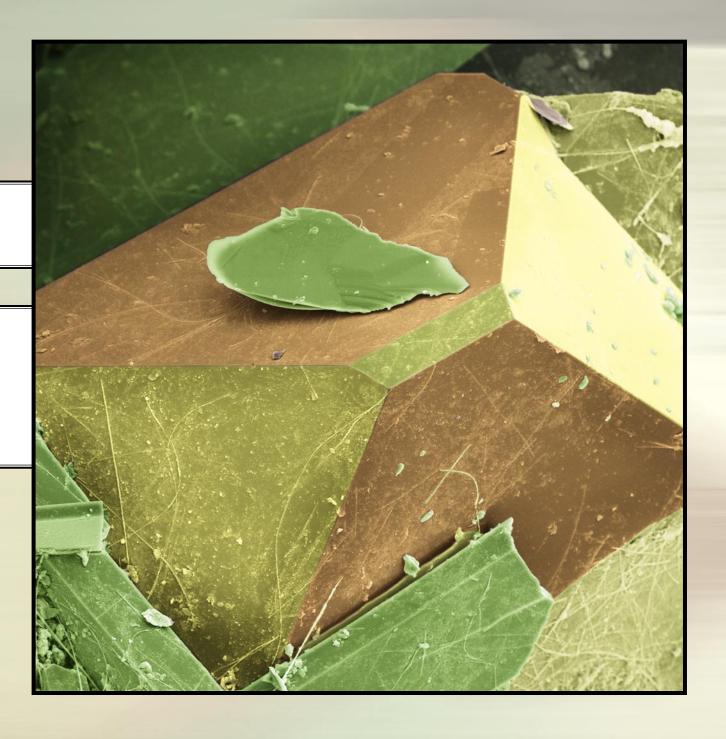
May 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28 Memorial Day	29	30	31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	

June

Epidote

Epidote is a metamorphic silicate mineral and a common constituent of rocks. It often appears as green translucent monoclinic crystals. It is occasionally used as a gemstone but is mainly of interest to scientists and collectors. (400X).



June 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
20 21 22 23 24 25 26	JULY 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

July

Thermal Imaging

Fluke® IR Insight XST

Thermal Imaging Camera 007-3269-00

Fluke® Ti20 Thermal Imager 007-3272-00

Thermal imaging has been used in the building industry to find problems with building materials, such as a hidden water leaks, HVAC leaks, and faulty electrical and mechanical systems. Recent technology improvements have helped to make this technology more affordable and available to most companies.





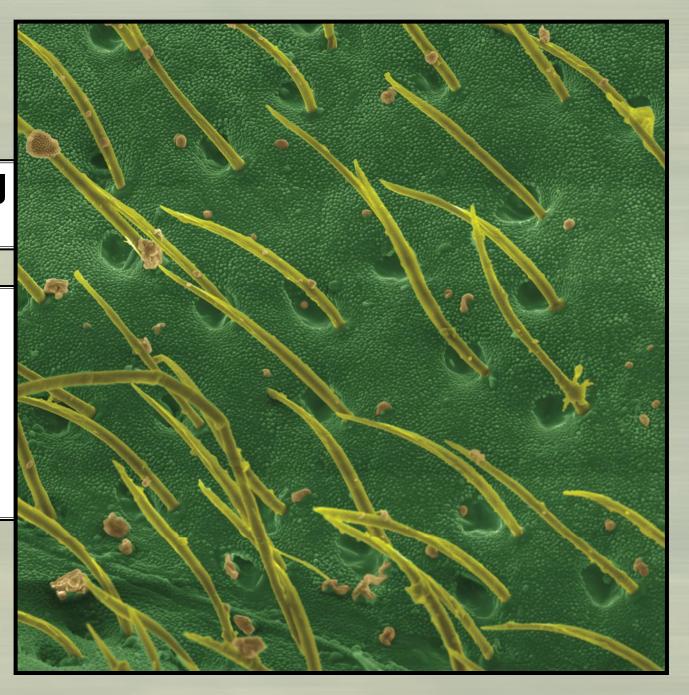
July 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4 Independence Day	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31			1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	AUGUST 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Inchesting

August

Fine Hairs on Wing of a Stink bug

The stink bug is an unwelcomed visitor in businesses and homes in New England. The arrival of winter forces them to infest openings and loose fittings in doors, windows or foundation cracks. Stink bugs are plant feeders named for their ability to exude a foul smelling substance from a pore on each side of their thorax. They are recognized by a large triangular plate on their back. (300X).



August 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	SEPTEMBER 2007 S M T W R F S N N N N N N N N N		1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

September

007-3278-00

Fluke® 975 Air Meter

The Fluke® 975 Air Meter combines five monitoring instruments into one, hand held tool. This instrument simultaneously measures, logs, and displays temperature, humidity, CO, CO₂, and dew point on a bright LCD display. Features include calculation of wet bulb, percentage of outside air, self-test function at start up and a multilanguage user interface that the IAQ Professional is sure to find useful in the field. All of the data can be stored on in internal memory that can store up to 25,000 records that can be downloaded to a computer.



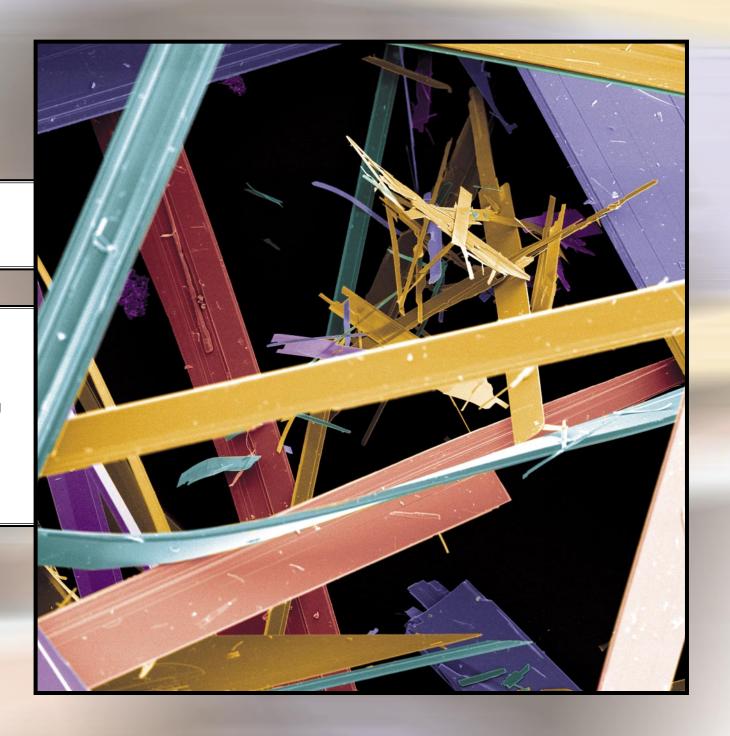


SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
AUGUST 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	OCTOBER 2007 S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	10203711	**************************************	mentes		1
2	3 Labor Day	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
30	24	25	26	27	28	29

October

Molybdenum Oxide

Molybdenum oxide fibers are toxic and a respiratory hazard when inhaled. Molybdenum is used in corrosion inhibitors, ceramic glazes, enamels, pigments, catalysts and as a hardening element for steel. Ninety percent of molybdenum is produced in the United States with the remainder coming from Chile, Mexico, Peru and Norway. (150X).



October 2006

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8 Columbus Day	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	11 12 13 14 15 16 17 18 19 20 21 22 23 24

November

Particle Counters

Particle counters have become a vital part of an IAQ investigation. They can help an investigator locate hot spots and pin point areas of concern for sampling. Particle counters have been used for years in clean room applications, such as in the production of pharmaceuticals and electronics. They can detect a variety of particulate sizes from .3µm to 10µm, such as mold spores, carpet and clothing fibers, dust mites, skin cells, and asbestos, as well as other selected sizes in between.





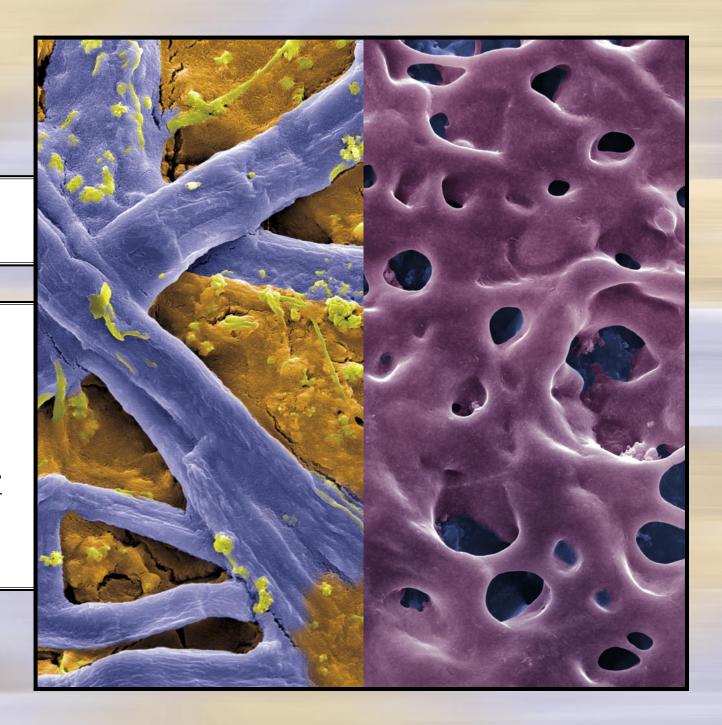
November 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
S M T W R F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W R F S 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			1	2	3
4	5	6	7	8	9	10
11 Veteran's Day	Veteran's Day (observed)	13	14	15	16	17
18	19	20	21	22 Thanksgiving Day	23	24
25	26	27	28	29	30	

December

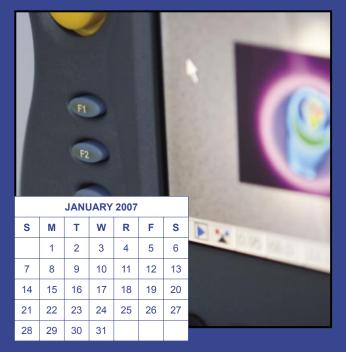
Inkjet & Laser Print

A side by side comparison of the typed letter "b" from both an inkjet printer (left) and laser printer (right) demonstrates the qualitative variations of each printing application. Note the difference in resolution, coverage, particle size and morphology. The inkjet demonstrates the presence of cellulose fibers embedded in the paper, surface cracking and pigment granules. The laser print is globular and porous. The cellulose fibers are completely covered with ink from the laser print. (1000X).

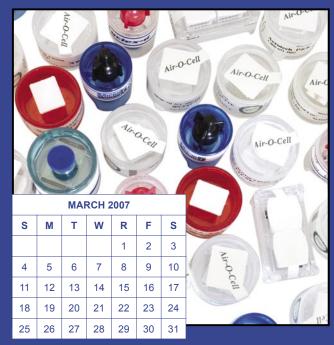


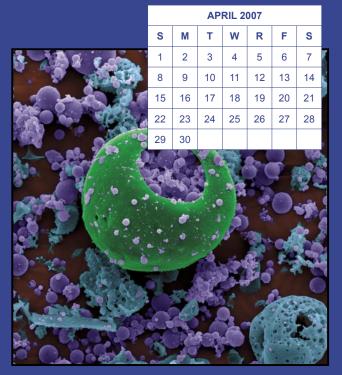
December 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER 2007 S M T W R F S	13 14 15 16 17 18 19					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
30		25 Christmas Day	26	27	28	29









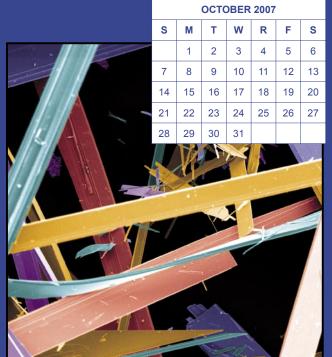


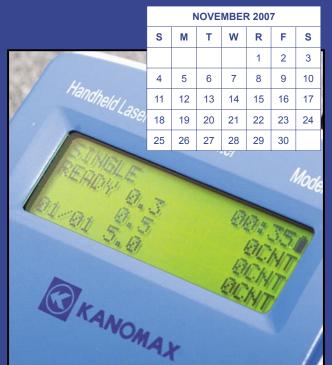


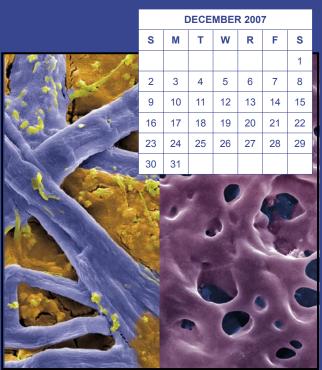












Aerotech P&K

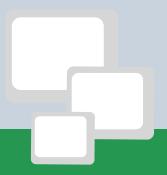
Aerotech P&K's mission is to deliver quality, timely, and legally defensible data to clients around the world. With hundreds of qualified professionals, Aerotech P&K is the world's leading mold and IAQ laboratory, offering fast turnaround times and advanced analyses as well as a full line of IAQ and IH equipment and supplies to IAQ consultants, Industrial Hygienists, Mold Inspectors, environmental engineers, medical professionals, legal professionals, and governmental agencies. Aerotech P&K also provides online services for tracking projects and ordering supplies and has an unparalleled project management program to ensure each client receives excellent customer service.

THE WORLD'S BROADEST RANGE OF INDOOR AIR QUALITY ANALYSIS CAPABILITIES

- Mold
- Spore Trap
- Culturable
- · Legionella pneumophila
- Bacteria
- Endotoxins
- Allergens
- Fecal Coliforms
- Volatile Organic Compounds (VOCs)
- Specialty Microscopy
- TEM, SEM, PLM, FTIR

THE WORLD'S BROADEST RANGE OF INDUSTRIAL HYGIENE ANALYSIS CAPABILITIES

- Aldehvdes
- Arsine/Silane/Phosphine
- Carbon Black
- Cresols and Phenol
- Fixed Gases / Natural Gases
- Hexavalent Chromium
- Hydrogen Cyanide
- Isocyanates
- Metals / Mercury / Welding Fumes
- Methanol
- Mineral Oil Mist
- Naphthas
- Nicotine
- 4-Phenylcylcohexene (New rug odor)
- Polychlorobiphenyls (PCBs)
- Polynuclear Aromatic Hydrocarbons (PAHs)
- Total and Respirable Dusts
- Volatile Organic Compounds (VOCs)



Aerotech P&K's Billerica location has the capability to perform advanced specialty microscopy including TEM, SEM, PLM, and FTIR. The images used in this calendar were produced by SEM in Billerica. For more information on these specialized capabilities, call 800.653.8011.