

Inspect Equipment

In-Spect uses a variety of state-of-the-art, industry standard equipment in order to ensure that you receive the most complete mold inspection and remediation services available in the mid-Atlantic region today. In order to provide an effective mold remediation, the first step is to accurately determine if high levels of mold do in fact exist inside of a building. Although the mold professionals employed by In-Spect have received training and certifications from several industry leading training and accreditation facilities and organizations, they still are not miracle workers. The naked eye and visual observation make it possible to detect only the most straightforward mold problems; problems that exist out in the open, the causes and effects of which are usually quite obvious. And although these types of problems do exist and are encountered quite frequently, there are other problems which are not so readily identifiable. At In-Spect, we have amassed an assortment of apparatus which is dedicated to locating hidden moisture sources which, in turn, leads us to the elusive hidden mold problems. While we pride ourselves on our training and experience, and strive keep our knowledge in stride with industry leading inspection procedures, we must give due credit to our equipment, without which some problems would go unsolved.



GE SurveyMaster®
Protimeter

To detect water infiltration or high moisture levels behind walls, ceilings, or other structures In-Spect uses GE Survey-master protimeter moisture detection devices. This device incorporates two modes of operation—search and measure. The different modes enable the technician to distinguish surface moisture from subsurface moisture, enabling him/her to establish the extent and potential cause/s of a moisture problem.

The combined moisture presentation of a digital display and a scale of color coded lights assists the technician in mapping the extent and precise location of moisture problems, and monitor changes in condition precisely. The unit features a two-pin head-and-lead for awkward corners, a set of deep wall probes which provide quantitative WME readings at depth, regardless of surface moisture and surface contamination by salts and other misleading minerals and contaminants, and a Hammer Electrode, which is useful for quickly and easily measuring the moisture content of timber at depth. This unit is an invaluable tool when detecting excess moisture is an issue of paramount importance.



Extech Infrared
Thermometer

The Extech® Infrared non-contact thermometer allows In-Spect technicians to quickly and accurately determine the temperature of any surface between 0° and 600° F. The built-in laser pointer identifies the target area, and backlit display aids in taking measurements in low light levels. This instrument is important, since temperature variances indoors can cause condensation between walls, and other mold inducing conditions.

REMEDIATION EQUIPMENT

Abatement Technologies PAS1800 Negative Air Machine



This negative air machine provides two speed airflow at either 1000 or 1800 CFM (cubic feet per minute), but weighs only 138 lbs. This unit is light enough and easily maneuverable, so it is ideally suited for residential and small commercial applications. It is capable of providing 12 ACH (air changes per hour) in a 9000 cubic foot space (roughly 30'x30'x10')

Abatement Technologies PAS2400 Portable Air Scrubber



The PAS2400 is the most maneuverable and portable 2000+ CFM air filtration system available. It provides two speed airflow at 700 or 2100 CFM, weighs 170 lbs, and provides 12 ACH in a 9000 cubic foot space. The backward curved 'AT Gold' blower and motor provide 75% more power than a typical negair machine, yet it is light, compact, and portable.

DefandAir HEPA 500 Portable Linkable Air Scrubber



The DefandAir HEPA 500 delivers true HEPA filtration at 500 CFM of particulates down to .03 micron, including oily aerosols. These machines are linkable to one another to provide the necessary power for any remediation job, and meet the maximum Clean Air Delivery Rate (CADR) set by the Association of Home Appliance Manufacturers.

Zipwall Containment Barrier



Our portable containment barriers are made of rigid adjustable steel frames and 6 mil plastic to provide man-portable, secure containment. These enable us to set up containment areas and decontamination rooms as needed, with quick, efficient setup requiring only one technician.

Nikro 15510DV HEPA Wet/Dry Vacuum

This powerful wet/dry vacuum features 99.99% High Efficiency Particulate Air Filtration down to .03 microns at 110 CFM with 110' waterlift and a 5 stage filtration system. The 2HP motor gives us the power we need, and we can reach anywhere we need to with attachments and a 20' hose.



DUCT-CLEANING EQUIPMENT



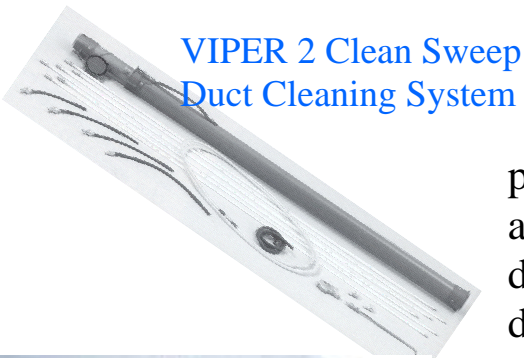
Atlantic Engineering Featherlite Portable NegAir Machine

This machine features a modular, portable design making it easy for us to get close to the HVAC unit. It is light enough to be transported by a single technician, yet delivers 2000 CFM of HEPA filtration with superior air flow. The unit features a 4 stage filtration system including electrostatic and HEPA filtration.



Video-Aire 3500 Video Assisted Duct Cleaning System

This patented video-assisted duct cleaning system is the centerpiece of our duct cleaning technology. It utilizes sound source removal technology while enabling the technician and customer to see the duct cleaning process on a full color monitor as it is taking place. This machine eliminates the guesswork from the duct cleaning procedure, and also enables the technician to diagnose air flow problems such as torn or collapsed ductwork, and also avoids the accidental shutting of dampers.



VIPER 2 Clean Sweep Duct Cleaning System

This highly versatile system uses 135 psi of compressed air combined with ball/whip combinations and multi action nozzle heads to blast dirt, dander, dust, debris, and grime out of round, square, or flex ducts.



Air-Care Model 2600 Atomizing Fogger

Cleaning the interior of a duct system is only part of the job. The system should be decontaminated by fogging the entire system with an EPA registered sanitizer and sealant to retard biological growth and trap residual debris before it can be spread throughout the system. This 11 lb unit provides the technician with the ability to cold mist or fog various approved chemicals and treatments directly into the ductwork using a dual-stage blower and up to 18 oz per minute flow rate.

This highly effective video inspection system meets government requirements for documenting before and after conditions, and is perfectly suited for showing a customer exactly why they should have their ducts cleaned. It displays a clear high-resolution color picture on a 15" LCD screen. The system can easily locate damaged and disconnected ducts, as well as identify sources of water and animal intrusion into an HVAC system.



Air Care VIS III Duct Inspection System