

Inspection Tool Resource List  
Provided by Wm R. Griffin  
Cleaning Consultants Services, Inc.  
Cell-206-849-0179  
[www.cleaningconsultants.com](http://www.cleaningconsultants.com)

1. [www.Inspectortools.com](http://www.Inspectortools.com)  
[www.professionalequipment.com](http://www.professionalequipment.com)  
[www.emssales.net](http://www.emssales.net)
  - a. Printed catalogues and websites with a wide variety of inspection tools, moisture meters (tests moisture content in wood, concrete and other building materials), Infrared camera (used to see/map moisture content in walls and building structure without destructive testing), particle counters (measures size and quantity of particulate in the air), Wide selection of testing and inspection equipment is available. Ph-1-800-895-4916, 1-800-334-9291, 1-800-787-3003. The best gadget sites on the web for all types of inspectors.
  - b. Professional Equipment Catalogue (inspection tools)  
[www.professionalequipment.com](http://www.professionalequipment.com)  
Ph-1-800-334-9291  
More test and inspection equipment than you've ever seen in one place.  
Call for a copy of their most recent catalogue.
  
2. Moisture Testing Equipment
  - a. GE Test Equipment various moisture meters and testing equipment are available. Visit: [www.protimeter.com](http://www.protimeter.com) or call 1-800-321-4878  
Suggest model MMS as most versatile. Approx. \$1000.00
  - b. Wagner Electronics  
[www.moisturemeteres.com](http://www.moisturemeteres.com)  
Ph-1-800-944-7078, 541-582-0451  
Fast accurate moisture testing for concrete with "Rapid RH" system.
  - c. Tramex, LTD.  
[www.tramexltd.com](http://www.tramexltd.com)  
Ph-303-972-7926  
Moisture meters
  - d. FLIR Systems  
[www.flirthermography.com](http://www.flirthermography.com)  
Ph-1-800-464-6372, 978-901-8000  
Infrared/thermal cameras and training.
  - e. Mannix Temperature-Humidity Pen  
(Model PTH 8708) \$59.00  
[www.mannix-inst.com](http://www.mannix-inst.com)  
Ph-516-887-7979

3. Amazingmagnets.com
  - a. The source for round magnets for finding nails and staples in wood floors. Very powerful. Recommend the .750 size magnets  
Ph-1-888-727-3327
  
4. Bacteria Tester (Digital)
  - a. Lumitester PD 10 and LuciPac W  
[www.scildiagnosics.com](http://www.scildiagnosics.com)
  
5. Conductivity/Resistivity Meter
  - a. Monroe Electronics, Ph-800-821-6001, model 264a  
[www.monroeelectronics.com](http://www.monroeelectronics.com)
  
6. Gloss, Color and Film Thickness Meters
  - a. Horiba, Model IG-320 or IG 331, Approx. \$800.00,  
[www.wq.hii.horiba.com/gloss.htm](http://www.wq.hii.horiba.com/gloss.htm) or [www.alpha-tools.com](http://www.alpha-tools.com)  
Available from Eastern Marble and other suppliers, Ph-1-800-643-8818,  
[www.easternmarble.com](http://www.easternmarble.com),
  - b. Various meters are available. BYK-Gardner has meters that measure gloss, film thickness and color. How shiny is the floor or stone? Visit: [www.bykgardner.com](http://www.bykgardner.com) also visit: [www.elcometer.com](http://www.elcometer.com)  
Ph-1-800-343-7721, 301-483-6500
  
7. Slip Meter for Hard Surfaces
  - a. Universal Walkway Tester, [www.nfsi.org](http://www.nfsi.org)  
One of several meters available from different sources for testing the relative slipperiness of a hard surface
  
8. Microscopes (pocket to computer type)
  - a. Harper Scientific Inc., [www.harperscientific.com](http://www.harperscientific.com)  
Variety of types, sizes 60 to 200 power, costs vary.
  - b. Inexpensive source for 60 to 100 power pocket microscopes  
[www.biconet.com/tools/60x100x.html](http://www.biconet.com/tools/60x100x.html) \$25.00 and up.
  - c. Radio Shack for 30-power pocket microscope. Under \$15.00.
  
9. UV (black) Lights and Magnifier lamps
  - a. Spectronics Corporation, Ph-1-800-274-8888, 516-333-4840
  - b. Radio Shack. Inexpensive black light.
  - c. Black light pens and light for inspection of fabric and hard surfaces, Creative Solutions,  
Ph-443-956-5173, [www.inspectoronline.com](http://www.inspectoronline.com)
  - d. UVIEW Ultraviolet Systems  
Micro LED Light cordless black light with 12 high intensity UV LED's  
Model UVU-413060 or 413070  
[www.uview.com](http://www.uview.com)  
Ph-905-615-9745

10. Indoor Air Quality Meter
  - a. Aircuity Equipment, [www.aircuity.com](http://www.aircuity.com) Ph-617-641-8825  
Has the Optima meter and system for testing, tracking and monitoring multiple IAQ conditions.
  - b. Airborne Particle Detection (small hand held unit)  
ParticleScan CR, [www.iqair.us](http://www.iqair.us), Ph-1-877-715-4247
  
11. Cole-Parmer Instrument Co.  
Sells HVAC testing equipment related to IAQ. Visit; [www.coleparmer.com](http://www.coleparmer.com) Ph-800-323-4340
  
12. Tuft Bind Scale (up to 8 pounds)
  - a. South Bend pocket scale. Northbrook, IL. Visit your local fishing store or [www.south-bend.com](http://www.south-bend.com). (Actually a fish scale but works great for onsite testing)
  
13. Coating Thickness Gauge
  - a. Wet mil gauge to test thickness of freshly applied (wet) coatings on hard surface substrates. [www.encasement.com](http://www.encasement.com)
  
14. X-Ray Fluorescence (XRF)

A hand held XRF unit (about \$35,000) sends energy in the form of x-ray photons into a sample matrix (fiber, paper, plastic, metal) and the x-rays strike electrons in the shells of the atoms present and sends back a signature to the hand held device that measures the energy and number of returning x-rays to determine the quantity and type of elements present in the sample.

Once the price comes down and the size of the device shrinks to that of a cell phone or smaller, the subjective process we now call quality control inspections will take on a whole new meaning once they are based on quantitative measurements.

I attended a presentation sponsored by the Carpet and Rug Institute (CRI) ([www.carpet-rug.org](http://www.carpet-rug.org)). The CRI has partnered with NASA (National Aeronautics and Space Administration) ([www.nasa.gov](http://www.nasa.gov)) and KeyMaster Technology ([www.keymastertech.com](http://www.keymastertech.com)) to use XRF technology to analyze what's left behind after carpeting has been cleaned.
  
15. Dust, Soil and Particle Identification Analysis
  - a. LA Testing, Ph-800-755-1794, [www.LATesting.com](http://www.LATesting.com)

16. Lab Testing for Carpet Samples (full range of services)

a. Professional Testing Lab, Dalton, GA

Gary Asbury, Ph-706-226-3283, [www.protest@optilink.us](mailto:www.protest@optilink.us)

Note: Before making any purchases visit [www.ebay.com](http://www.ebay.com) to see what prices and products are available, substantial savings are often available.

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