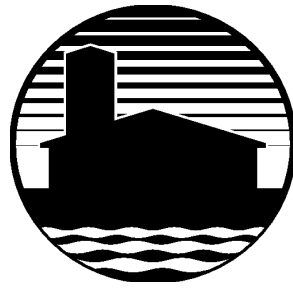


## Sources for Troubleshooting Equipment

Jay D. Harmon, PhD, PE, Steven J. Hoff, PhD,  
and Hongwei Xin, PhD  
Agricultural and Biosystems Engineering  
Department  
Iowa State University, Ames, IA.



**L**ivestock  
**I**ndustry  
**F**acilities &  
**E**nvironment

The equipment listed below is practical for on-farm use. This not intended to be an endorsement, nor is it intended to be all encompassing. Companies listed are known to handle listed equipment.

### **Psychrometers** (Temperature &: Relative Humidity)

Cole-Parmer Instrument Co.  
7425 North Park Ave.  
Niles, IL 60714  
800-323-4340

Catalog # G-03322-00 - Sling Psychrometer

Davis Instruments  
4701 Mt Hope Drive  
Baltimore, MD 21215  
800-368-2516

Catalog #TA16301 - Sling Psychrometer  
# VI32101 - Battery Operated Psychrometer

### **Smoke Tube Kit**

Davis Instruments  
4701 Mt Hope Drive  
Baltimore, MD 21215  
800-368-2516

Catalog # EV15010 - Smoke Gun  
# EV15012 - Smoke Sticks  
various smoke candles available

E. Vernon Hill, Inc.  
940 Adams St, Suite G  
Benicia, CA 94510-2950  
707-747-5577

Catalog # 15-049 - T-T Smoke Sticks (small volume)  
# 15-092 - T-T Smoke Gun Kit  
various smoke candles and smoke grenades

MSA  
P.O. Box 426  
Pittsburgh, PA 15230  
800-672-2222

Catalog # 458481 - Vent. Smoke Tube Kit  
# 458480 - Replacement Tubes

SKC, Inc.  
RR 1, Box 334  
Eighty Four, PA 15330-9614  
800-752-8476

Catalog # 810-500 Smoke Tube Kit  
# 810-501 Replacement Tubes

### **Gas Detector Pumps & Tubes**

Davis Instruments  
4701 Mt Hope Drive  
Baltimore, MD 21215  
800-368-2516

Catalog # SD150701- Gas Analyzer Kit  
Request low range ammonia tubes

SKC, Inc.  
RR 1, Box 334  
Eighty Four, PA 15330-9614  
800-752-8476

Catalog # 810-7010790 Detector Tube Kit  
# 810-3L Ammonia Tubes

Sensidyne, Inc  
16333 Bay Vista Drive  
Clearwater, FL 34620  
800-451 -9444

Catalog # 701065701 Pump Kit  
# 3La Ammonia Tubes (2.5-200ppm)  
# 3L Ammonia Tubes (1-60 ppm)  
# 4LL Hydrogen Sulfide Tubes (0.25-60ppm)  
# 3D Ammonia Dosimeter Tubes (25-500ppm-hr)  
# 4D Hydrogen Sulfide Dosimeter Tubes (10-200ppm)

# 7015403 Dosi Tube Holder

Matheson Gas Products  
P.O. Box 96  
Joliet, IL 60434  
800-544-1658

Catalog # 8014KA Toxic Gas Detector Kit  
# 8014-1055c Ammonia Tubes (10-260, 5-130ppm)  
# 8014-1205D Hydrogen Sulfide Tubes (1-60ppm)

MSA  
P.O. Box 426  
Pittsburgh, PA 15230  
800-672-2222

Catalog # 488543 - Kwik-Draw Pump  
Request low range ammonia tubes

### **Air Velocity**

Davis Instruments  
4701 Mt Hope Drive  
Baltimore, MD 21215  
800-368-2516

Catalog # DS105101- Vane Air Velocity Meter  
# TS14513 - Compact Air Velocity Meter

Dwyer Instruments, Inc.  
P.O. Box 373  
Michigan City, IN 46360  
219-879-8000

Model 480 Vaneometer  
470-1 Hand-held Thermal Anemometer

Kurz Instruments, Inc  
2411 Garden Road  
Monterey, CA 93940  
800-424-7356

Series 440 Air Velocity Meter (0-300,1250,2500 fpm  
selectable)

### **Manometers** (static pressure measurement)

**Dwyer Instruments, Inc.**  
P.O. Box 373  
Michigan City, IN 46360  
219-879-8000

Model 2000-00 - 0 to 0.25 inches of static pressure  
A-432 - portable kit

### **Complete Lines**

Animal Environment Specialists  
7870 Olentangy River Rd, Suite 300  
Columbus, OH 43235  
800-969-0114

Temp & RH measurement  
Max-Min Thermometers  
Gas Detection  
Air Velocity Meters  
Smoke kits  
Manometers

Rural Technologies, Inc  
RR 3, Box 169  
Brookings, SD 57006  
605-693-4358

Scan-Air Kit: complete troubleshooting kit

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