



General Tools & Instruments

HVAC/R Instruments & Accessories



Precision, Specialty & Innovation

HVAC09



HVAC/R Instruments & Accessories

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FEATURES
MID-RANGE INFRARED THERMOMETER

Ideal for most applications in HVAC/R, plumbing and heating, electrical, automotive and other industrial jobs.

- Rugged and ergonomic design for general purposes
- Ultra low power consumption in shutdown mode
- Extended long time measuring reliability
- Backlit LCD display
- Switchable ON/OFF Laser sighting
- °F or °C selectable

SPECIFICATIONS

- ◆ Distance to spot ratio: 8:1
 - ◆ Range: -4° to 604°F (-20° to 317°C)
 - ◆ Emissivity: Fixed at 0.95
 - ◆ Resolution: 0.5°F / 0.5°C
 - ◆ Operating temperature: 32° to 122°F, 10 to 90%RH
- Includes: • 1 "9V" battery

UPC	NO.
02060 9	IRT206

\$36.00
LIST \$59.99

IRT206


The new IRT206 "Heat Seeker™" infrared thermometers are precision measuring devices used for obtaining accurate temperatures instantaneously without having to contact the object being measured. It works by capturing and measuring the invisible infrared energy naturally emitted from all objects. It offers an easy and safe method to instantaneously measure surface temperatures of objects which are difficult or unsafe to contact.

The "Heat Seeker" has a rugged, ergonomic design and features a backlit LCD display with built-in laser sighting. The IRT206 has a measurement range of -4° to 605°F (0° to 318°C) and utilizes a switchable on/off laser pointer for target location. The practical distance-to-spot ratio of 8:1 is suitable for most consumer and commercial applications.

12:1 WIDE-RANGE INFRARED THERMOMETER

Primarily used in HVAC/R and automotive applications.

- Switchable ON/OFF Laser sighting
- °F/°C Switchable
- Backlit LCD Display
- Auto Measuring
- Extended, long time measuring reliability
- Temperature Data Storage
- Low Battery indication
- Ultra-low power consumption in shutdown mode
- Electronic Trigger Lock

- ◆ Distance to spot ratio: 12:1
 - ◆ Range: -25° to 999°F (-32° to 535°C)
 - ◆ Emissivity: Fixed at 0.95
 - ◆ Accuracy (@ ambient temperature of 77°F/25°C): ±5°F (±3°C) within -25° to -4°F (-32° to -20°C)
 - ◆ ±3°F (±2°C) within -4° to 212°F (-20° to 100°C)
 - ◆ ±2% within 212° to 999°F (100° to 535°C)
 - ◆ Thermopile: 5 ~ 14µm
 - ◆ Repeatability: ±2°F (±1°C)
 - ◆ Resolution: 0.1°F (0.1°C)
 - ◆ Response Time: 500 ms.
 - ◆ Operating Temperature: 32° to 122°F (0° to 50°C), 10 to 90%RH
 - ◆ Auto Power Off: Automatically after approx. 6 seconds
 - ◆ Battery Life: 16 hours
 - ◆ Dimensions: 6.69" x 5.23" x 1.77" (170 x 133 x 45 mm)
 - ◆ Weight: 5.8 oz. (163 g) Approx.
- Includes: • 1 "9V" battery
• Instruction manual
• Soft carrying case

UPC	NO.
40650 2	IRT650

\$60.00
LIST \$99.99

IRT650




FEATURES

SPECIFICATIONS



INFRARED THERMOMETER WITH K-PORT AND AUTO ADJUSTABLE EMISSIVITY

Ideal to use in building and plant maintenance, hazardous environments and most industrial jobs.

- Switchable ON/OFF Laser sighting
- °F/°C Switchable
- High/Low Audible Alarm
- Backlit LCD Display
- Max/Min/Avg
- Auto Measuring
- Extended, long time measuring reliability
- Low Battery indication
- Ultra-low power consumption in shutdown mode
- Electronic trigger lock
- Ergonomic design
- E-Smart: Automatic emissivity adjustment for accurate measurement
- CIS: Temperature sensitivity color LCD display alert

- ◆ Distance to spot ratio: 12:1
- ◆ Range: -25° to 999°F (-32° to 535°C)
- ◆ Emissivity: Adjustable 0.1 to 1.0
- ◆ Accuracy (@ ambient temperature of 77°F/25°C): ±5°F (±3°C) within -25° to -4°F (-32° to -20°C)
- ◆ ±3°F (±2°C) within -4° to 212°F (-20° to 100°C)
- ◆ ±2% within 212° to 999°F (100° to 535°C)
- ◆ Thermopile: 5 ~ 14µm
- ◆ Repeatability: ±2°F (±1°C)
- ◆ Resolution: 0.1°F (0.1°C)
- ◆ Response Time: 500 ms.
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C), 10 to 95%RH
- ◆ Auto Power Off: Automatically after approx. 6 seconds
- ◆ Thermocouple Range: -328° to 2516°F (-200° to 1380°C)
- ◆ Thermocouple Accuracy: ±1° °F/°C
- ◆ Dimensions: 7.09" x 5.12" x 1.57" (180 x 130 x 40 mm)
- ◆ Weight: 6.9 oz. (195 g) Approx.
- Includes:
 - 1 "9V" battery
 - Instruction manual
 - Soft carrying case
 - "K" type probe (optional)



\$77.97
LIST \$129.95

UPC NO.
40642 7 IRT642

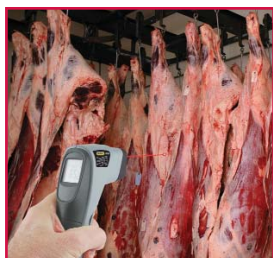
IRT642

12:1 LOW TEMP REFRIGERATION, A/C & FOOD SERVICE INFRARED THERMOMETER

Ideal for subcooling applications, particularly food service, refrigeration and air conditioning.

- Switchable ON/OFF Laser sighting
- °F/°C Switchable
- Backlit LCD Display
- Auto Measuring
- Extended, long time measuring reliability
- Temperature data storage
- Low Battery indication
- Ultra-low power consumption in shutdown mode
- Electronic trigger lock
- Ergonomic design

- ◆ Distance to spot ratio: 12:1
- ◆ Range: -58° to 600°F (-50° to 316°C)
- ◆ Emissivity: Fixed at 0.97
- ◆ Accuracy (@ ambient temperature of 77°F/25°C): ±5°F (±3°C) within -58° to -22°F (-50° to -30°C)
- ◆ ±3°F (±2°C) within -22° to 212°F (-30° to 100°C)
- ◆ ±2% within 212° to 600°F (100° to 316°C)
- ◆ Thermopile: 8 ~ 14µm
- ◆ Repeatability: ±2°F (±1°C)
- ◆ Resolution: 0.1°F (0.1°C)
- ◆ Response Time: 500 ms.
- ◆ Operating Temperature: 32° to 122°F (0° to 50°C), 10 to 90%RH
- ◆ Auto Power Off: Automatically after approx. 6 seconds
- ◆ Battery Life: 16 hours
- ◆ Dimensions: 6.69" x 5.23" x 1.77" (170 x 133 x 45 mm)
- ◆ Weight: 5.8 oz. (163 g) Approx.
- Includes:
 - 1 "9V" battery
 - Instruction manual
 - Soft carrying case



UPC NO.
40656 4 IRT656

\$60.00
LIST \$99.99

IRT656



FEATURES

SPECIFICATIONS

POCKET HVAC/R GENERAL PURPOSE INFRARED THERMOMETER

Convenient and accurate measurement in most HVAC/R application and industrial jobs.

- Easy to use
- Auto power off
- Lock function
- Min/Max readings
- Fits in your pocket

- ◆ Distance to spot ratio: 6:1
- ◆ Range: -67° to 482°F (-55° to 250°C)
- ◆ Emissivity: Fixed at 0.95
- ◆ Accuracy: ± 0.6 °F/°C
- ◆ Response time: 1 second

Includes: • 2 "CR2032" batteries
• Neck strap

UPC	NO.	
20197 8	IRT203	\$30.00 LIST \$49.95



IRT203

HEAT CHECK MINI INFRARED

Ideal for most HVAC/R. Compact size.

- Ideal for landlord/tenant disputes
- Easy to use
- Auto power off
- Lock function
- Min/Max readings
- Fits in your pocket

- ◆ Distance to spot ratio: 1:1
- ◆ Range: -27° to 428°F (-33° to 220°C)
- ◆ Emissivity: Default at 0.95, Adjustable 0.05
- ◆ Accuracy: ± 0.6 °C/°F
- ◆ Response time: 1 second

Includes: • 2 "CR2032" battery
• Wrist strap

UPC	NO.	
20196 1	IRT105	\$24.00 LIST \$39.99



IRT105

DIGITAL THERMOMETER

- Auto power off
- °F/°C switch
- Food safe stainless steel 5" stem

- ◆ Resolution: $\pm 0.1^\circ$
 - ◆ Accuracy: $\pm 1.8^\circ\text{F}$ ($\pm 1^\circ\text{C}$)
- Includes: • 1 "LR44" battery
• 1 Extra "LR44" battery

UPC	NO.	
20033 9	DPT301FC	\$8.37 LIST \$13.95



DPT301FC

Range: -40° to 302°F (-40° to 150°C)

DIGITAL THERMOMETER WITH TWO K-TYPE PROBES & CASE

For use in labs, industrial control and audits and measuring differential temperature T1/T2.

- Dual probe input
- Accepts K-type thermocouple probes
- T1/T2 temperature differential
- Data hold
- Max hold
- °F/°C switch
- Auto power off
- CE approved

- ◆ Range: -58° to 2000°F (-50° to 1093°C)
 - ◆ Accuracy: $\pm 1.8^\circ\text{F}$ from -22° to 302°F ($\pm 4^\circ\text{F}$ at all other ranges); $\pm 1^\circ\text{C}$ from -30° to 150°C ($\pm 2^\circ\text{C}$ at all other ranges)
 - ◆ Probe length: 5" with 3 ft. cord
- Includes: • 1 "9V" battery
• Molded hard case
• 2 "K" type beaded tip probes (TPK500)

UPC	NO.	
21010 9	DT8803	\$60.00 LIST \$99.99



DT8803

FEATURES

SPECIFICATIONS



AQ150

DIGITAL INDOOR/OUTDOOR THERMOMETER

Ideal for use in aquariums and other aqua-culture applications.

- Displays ambient & remote temperature
- Min/Max temperature memory
- High/low temperature alarm
- Jumbo digital display
- Room & outer sensor temp. switch
- °F/°C switch
- Backlight
- Foldaway stand

- ◆ Ambient range: 14° to 122°F (-10° to 50°C)
- ◆ Remote range: -58° to 158°F (-50° to 70°C)
- ◆ Resolution: 0.1°
- ◆ Accuracy: ±1.8°F (±1°C)
- ◆ Sampling rate: 10 second
- ◆ Cord length: 10 ft. (3m)
- ◆ Display size: 1.88" x 0.82"
- ◆ Dimensions: 2.87" x 2" x 0.6"
- Includes • 1 "AAA" battery • Suction cup
• Velcro mounting tape

UPC	NO.	\$11.37 LIST \$18.95
22150 1	AQ150	



DPM560FF

SOLAR PANEL METER WITH FRONT MOUNTING FLANGE

Use in refrigeration applications.

- Built-in front flange for recessed mounting
- Stainless steel sensor & case
- °F/°C switch
- Digital display
- Battery back-up

- ◆ Range: -58° to 302°F (-50° to 150°C)
- ◆ Accuracy: ±2°F (±1°C)
- ◆ Cord length: 3' (1m)
- ◆ Resolution: 0.1°F
- ◆ Probe size: 1.18"
- ◆ Display size: 0.45" x 1.3"
- ◆ Digit height: 0.35"
- ◆ Unit size (ø x D): 2.55" x 1"
- ◆ Flange diameter: 3.4"
- Includes: • 1 "CR44" battery

UPC	NO.	\$25.50 LIST \$42.50
22030 6	DPM560FF	



DPM560BF

SOLAR PANEL METER WITH BACK MOUNTING FLANGE

Use in refrigeration applications.

- Built-in back flange for flush mounting
- Stainless steel sensor & case
- °F/°C switch
- Digital display
- Battery back-up

- ◆ Range: -58° to 302°F (-50° to 150°C)
- ◆ Accuracy: ±2°F (±1°C)
- ◆ Cord length: 3' (1m)
- ◆ Resolution: 0.1°F
- ◆ Probe size: 1.18"
- ◆ Display size: 0.45" x 1.3"
- ◆ Digit height: 0.35"
- ◆ Unit size (ø x D): 2.55" x 1"
- ◆ Flange diameter: 3.4"
- Includes: • 1 "LR44" battery

UPC	NO.	\$25.50 LIST \$42.50
22035 1	DPM560BF	



MN630WP

WATERPROOF/SPLASH PROOF PANEL METER

Ideal for all weather conditions, measures outdoor temperatures.

- Low battery indication
- Display flashes
- Mounting thickness 0.3" (8 mm)
- Accessible Functions: Power on/off
- Display digit size: .5"H x .3"W
(12H x 6.5W mm)
- Display window size: 1.5"H x .7"W
(37L x 17H mm)
- Product size: Front frame:
2.8L x 1.9H (72L x 47H mm)
Case body: 2.1L x 1.1H x .5D
(54L x 28.6H x 12.5D mm)
- Mounting frame:
2.8L x 1.6H (71.5L x 41.5H mm)

- ◆ Range: -58° to 158°F (-50° to 70°C)
- ◆ Accuracy: ±2°F (±1°C)
- ◆ Display resolution:
0.1" between -19.9° to 158° otherwise 1°
- ◆ Sampling rate: 10 seconds
- ◆ Sensor cord length: 33" (838mm)
- Includes: • 1 "LR44" battery

UPC	NO.	\$11.97 LIST \$19.95
01234 5	MN630WP	

FEATURES

SPECIFICATIONS

DIGITAL RECORDING THERMOMETER WITH EXTERNAL PROBE

Ideal for refrigeration walk-in & reach-in boxes, household, lab applications.

- Displays inside & outside temperature simultaneously with current time & date
- Records minimum & maximum temperatures with exact time and date stamp
- Waterproof exterior sensor cable is extremely thin for easy threading through windows
- Ideal for refrigeration walk-in & reach-in boxes, household, lab and much more
- °F or °C selectable
- For hanging or free standing

- ◆ Indoor range: 14° to 176°F (-10° to 80°C)
 - ◆ Outdoor range: -40° to 176°F (-40° to 80°C)
 - ◆ Resolution: 0.5°
 - ◆ Accuracy: ±1.8°F (±1°C)
 - ◆ Probe length: 6.5' (2 m.)
 - ◆ Display size: 2.45" x 1.57"
 - ◆ Unit size: 3.5" x 3.5" x 1"
- Includes: • 1 "AAA" battery

UPC	NO.	\$17.97 LIST \$29.95
24155 4	DTR900	



DTR900

REFRIGERATOR/FREEZER THERMOMETER

- Stainless steel
- Hanging or free standing
- Easy-to-read round dial
- °F & °C scales
- Temperature Indicators

- ◆ Range: -20° to 80°F (-29° to 27°C)
- ◆ Dial diameter: 2.5"

UPC	NO.	\$2.97 LIST \$4.99
24005 2	FT80R	



FT80R

ANALOG POCKET THERMOMETER WITH MAGNIFYING LENS

- Range 320: -40° to 160°F
- Range 321: -0° to 220°F
- Rugged stainless steel probe

Includes: • Protective sheath with pocket clip

UPC	NO.	\$2.97 LIST \$4.99
00320 1	320	
22391 3	321	



320
321

HORIZONTAL REFRIGERATOR & FREEZER THERMOMETER

- Horizontal reading
- Hanging or free standing
- Easy to read display
- °F & °C scales

- ◆ Range: -20° to 80°F (-48° to 27°C)
- ◆ Dimensions: 1.25" x 4.75" x 0.75"

UPC	NO.	\$2.93 LIST \$4.89
24015 1	FT80H	



FT80H

OVEN THERMOMETER

For use in cooking applications.

- Stainless steel
- Hanging or free standing
- Easy-to-read round dial
- °F/°C
- Temperature Indicators

- ◆ Range: 100° to 600°F (38° to 315°C)
- ◆ Dial diameter: 2.5"

UPC	NO.	\$2.99 LIST \$4.99
24020 5	OT550	



OT550

FEATURES

SPECIFICATIONS

DIGITAL / LED MOISTURE METER

Ideal to use in woodworking, building construction and agriculture. Meter is also used in the restoration business to check if there is moisture in carpets and sub-flooring.

- LCD display
- Wide measuring range
- Check wood, drywall and concrete before painting, sealing or treating
- Locate and identify water leaks in roofs, floors & walls
- Great for homeowners, contractors and inspectors
- Display will directly show the moisture content in "% Moisture Content"
- Built-in low battery indicator

- ◆ Display: 3 digit, 10mmLCD
 - ◆ Range: 8-30%
 - ◆ Resolution: 0.1%
 - ◆ Accuracy: ±2%
 - ◆ Sampling Rate: 1s
 - ◆ Operating Environment: 32° to 122°F (0° to 50°C), RH<90%
 - ◆ Size: 5.7" x 2.4" x 1.2" (145 x 60 x 30mm)
 - ◆ Weight: 4.4oz (125g)
 - ◆ Power Source: 1 "9V" battery (not included)
- Includes: • Protective Cover



MMD4E

UPC	NO.	\$30.00 LIST \$49.99
41447 7	MMD4E	

SLING PSYCHROMETERS

- High impact plastic construction
- Fast, accurate and easy to use
- No assembly required
- Classic twirling design
- Available in °F or °C

- ◆ Dimensions: 8.25" x 1.25" x 0.625"
- Includes: • Two thermometers
• One wick

Model	Range	Type
SP100CR	-5° to 50°C	Red spirit
SP100FR	20° to 120°F	Red spirit

UPC	NO.	\$29.97 LIST \$49.95
10215 2	SP100CR - Red Spirit	
10205 3	SP100FR - Red Spirit	

SP100CR
SP100FR



HUMIDITY CALCULATOR

To calculate relative humidity.

- For dry/wet bulb
- Easy-to-read
- Pocket sized
- Percent relative humidity indicator
- Recommended humidities for industrial processes

- ◆ Temperature: Dry Bulb 30° to 120°F
Wet Bulb 20° to 120°F
- ◆ Relative humidity: 10 to 100 RH

UPC	NO.	\$4.17 LIST \$6.95
16110 4	HC880	

HC880



DIGITAL 3-IN-1 LCD STUD / VOLTAGE / METAL DETECTOR

Ideal for Locating Studs, Pipes, Wires Carrying Voltage and Hidden Metal.

- Selectable Metal, Voltage and Stud detections or Auto Mode to perform 3 functions simultaneously
- Micro-Processor Control Circuits provide precise and accurate detections
- Results shown on LCD with buzzer
- Multi-Scan-Level to pinpoint exact position
- Battery status indicated on LCD
- Auto Power OFF
- Low power consumption
- Ideal for the D. I.Y. Homeowner, Handyman, Hobbyist and Professional

- ◆ Power Source: 1 "9V" battery (not included)
- ◆ Dimensions: 6.1"(L) x 2.6"(W) x 1.3"(D) (155 x 65 x 32mm)
- ◆ Weight: 6.5oz (185g)



MSV350D



UPC	NO.	\$21.00 LIST \$34.99
01275 8	MSV350	

Psychrometers / Thermo-Hygrometer

FEATURES

SPECIFICATIONS

CALIBRATABLE DIGITAL PSYCHROMETER WITH REMOTE PROBE

Ideal for HVAC/R uses: diagnostic, installation, maintenance.

- Jumbo display
- Rotating head to protect sensor
- Remote temperature probe
- Field calibratable
- Auto power off
- Min/Max
- T1/T2
- Displays: Temperature, Humidity, Dew point, Wet bulb
- **P8706** Replacement Probe
- **HR33** 'Low' Reference
- **HR75** 'High' Reference

- ◆ Range: -4° to 122°F (-20° to 50°C)
- ◆ Humidity: 0 to 100%
- ◆ Dew point: -90.4° to 122°F (-68° to 50°C)
- ◆ Wet bulb: -69° to 122°F (-56° to 50°C)
- ◆ Temp. accuracy: ±1.2°F (±0.6°C)
- ◆ Resolution: 0.1°; 0.1% RH
- ◆ Response time: 60 sec.
- Includes: • 2 "AAA" batteries
- 1 probe (**P8706**)

UPC	NO.	\$60.00
10028 8	EM8716	LIST \$99.99



EM8716

DIGITAL PSYCHROMETER WITH DEW POINT & WET BULB

Wide applications in monitoring environmental conditions.

- Displays wet bulb, dew point, humidity and temperature
- No twirling or charts necessary
- Large digital display
- Dew point measurement
- Wet & dry bulb temperature
- Min/Max memory with reset key
- °F or °C readings
- Data hold
- Auto power off
- Low battery indication
- Microprocessor based design

- ◆ Range: -4° to 122°F (-20° to 50°C)
- ◆ Humidity range: 0 to 100% RH
- ◆ Dew point: -22° to 122°F (-30° to 50°C)
- ◆ Temp. accuracy: ±1.8°F (±1°C)
- ◆ Humidity accuracy: ±5% of reading
- ◆ Response time: 60 seconds (approx.)
- ◆ Dimensions: 6.7" x 1.85" x 0.5"
- Includes: • 2 "AAA" batteries
- Protective cap w/ pocket clip

UPC	NO.	\$60.00
10025 7	SAM990DW	LIST \$99.99



SAM990DW

DIGITAL TEMPERATURE & HUMIDITY PEN

Ideal for HVAC/R, laboratories, hospitals, computer rooms, greenhouses, printing, film processing, and more.

- Simultaneous displays temperature and humidity
- Data hold freezes measured values
- °F/°C switch
- Auto power off after 20 minutes
- Min/Max memory
- Fits in your shirt pocket

- ◆ Range: 14° to 122°F (-10° to 50°C)
- ◆ Humidity range: 20 to 90% RH
- ◆ Temp. accuracy: ±1.8°F (±1°C)
- ◆ Humidity accuracy: ±5%
- ◆ Resolution: ±0.1°, 1% RH
- ◆ Dimensions: 5.9" x 0.8" x 0.6"
- Includes: • 1 "CR2032" battery
- Pocket clip on back

UPC	NO.	\$42.00
10005 9	PTH8708	LIST \$69.99



PTH8708

JUMBO DISPLAY HUMIDITY & TEMPERATURE METER

To measure and display temperature and humidity.

- Displays humidity and temperature
- Jumbo digital display
- 2-Key operation: Min/Max & Reset
- Memory for highest and lowest temperature and humidity
- °F/°C slide switch

- ◆ Range: 32° to 122°F (0° to 50°C)
- ◆ Humidity range: 20% to 90% RH
- ◆ Resolution: 0.1°, 1%
- Includes: • 1 "AAA" battery

UPC	NO.	\$23.97
11040 9	DTH03A	LIST \$39.95



DTH03A



HDT304K

Range: -40° to 302°F (-40° to 150°C)

FEATURES

DELUXE DIGITAL STEM THERMOMETER

- Auto power off
- °F/°C switch
- Data hold switch
- Pocket clip

SPECIFICATIONS

- ◆ Resolution: ±0.1°
- ◆ Accuracy: ±1.8°F (1°C)
- Includes: • 1 "LR44" battery

UPC	NO.
20005 6	HDT304K

\$11.37
LIST \$18.95



LAM122

ECONOMY TEMPERATURE & HUMIDITY PEN

Hand-held convenience for accurate measurement of temperature and humidity.

- Simultaneous display of relative humidity & temperature
- °F/°C switch
- Pocket size for quick & reliable measurements at any location
- Min/Max memory (temp & humidity)
- "Clear" function erases stored readings to record new values

- ◆ Humidity range: 20 to 90% RH
- ◆ Range: 14° to 122°F (-10° to 50°C)
- ◆ Humidity accuracy: ±5%
- ◆ Temp. accuracy ±1.8°F (±1°C)
- ◆ Resolution: ±0.1°; 1% RH
- ◆ Dimensions: 5.9" x 0.8" x 0.6"
- Includes: • 1 "LR44" battery
- Protective cover w/ clip

UPC	NO.
10120 9	LAM122

\$14.98
LIST \$29.95



EMR963HG
Sensor THGR268
Sensor THR138
Sensor THC138P

WIRELESS THERMO-HYGROMETER WITH REMOTE SENSOR

Use in general monitoring of environment: building, plant, silo, warehouse and storage.

- Monitors temperature & humidity from up to 90 feet away
- °F/°C selectable
- Up to three sensors may be used with base station
- Includes one remote sensor
- Jumbo display
- Min/Max memory
- Trend information
- Comfort indicator
- **THGR268** - Additional Remote Temperature & Humidity Sensor

- ◆ Indoor & outdoor temperature range: -58° to 158°F (-50° to 70°C)
- ◆ Indoor & outdoor humidity range: 25% to 90%
- ◆ Temperature resolution: 0.2°F (0.1°C)
- ◆ Humidity resolution: 1%
- ◆ Transmitting range: up to 90 ft.
- ◆ Transmission interval: approximately every 30 seconds
- ◆ Transmission frequency: 433 MHz
- ◆ Base station - 2 "AA" batteries; sensor - 2 "AA" batteries
- ◆ Dimensions: base - 4.5" x 4" x 0.75"; sensor - 4" x 2.75" x 0.75"
- ◆ Weight (w/o batteries): base station: 5.5 oz.; sensor: 2.2 oz.

- Includes: • All batteries
- 1 wireless temperature/humidity sensor Model THGR268

UPC	NO.
60070 2	EMR963HG
60073 3	THGR268 sensor-temperature & humidity

\$47.97
LIST \$79.95



EP8706

CALIBRATABLE DIGITAL PSYCHROMETER

Hand-held convenience for accurate measurement of temperature and humidity.

- Jumbo display
- Rotating head to protect sensor
- Field calibratable
- Auto power off
- Min/Max
- Displays: Temperature, Humidity, Dew point, Wet bulb

- **P8706** Replacement Probe
- **HR33** 'Low' Reference
- **HR75** 'High' Reference

- ◆ Range: -4° to 122°F (-20° to 50°C)
- ◆ Humidity: 0 to 100%
- ◆ Dew point: -90.4° to 122°F (-68° to 50°C)
- ◆ Wet bulb: -69° to 122°F (-21° to 50°C)
- ◆ Temp. accuracy ±10°F (±0.6°C)
- ◆ Resolution: 0.1°; 0.1% RH
- ◆ Response time: 60 seconds
- Includes: • 2 "AAA" batteries

UPC	NO.
10041 7	EP8706
10043 1	P8706 Replacement Probe

\$54.00
LIST \$89.99



FEATURES

SPECIFICATIONS

DIGITAL ONE PIECE AIR FLOW METER WITH CFM DISPLAY

HVAC/R Environment, Exhausts, Blowers.

- Displays: CFM, FPM, MPH, KPH, MPS, temp & knots
- Single hand airflow measurement
- Handy recessed service grip
- Single & multi-point average
- RS-232 output
- Min/Max
- Data hold
- °F/°C switch

- ◆ Range: 14° to 122°F (-10° to 50°C)
- ◆ CFM range: 0 to 99,999
FPM range: 80 to 5900 (0.4 to 30 m/s)
- ◆ Accuracy: ±3% full scale, ±2°F (±1°C)
- ◆ Resolution: 1 ft/min (0.01 m/sec), 0.1°
- ◆ Display size: 1.25" x 1.625"
- ◆ Dimensions: 7" x 2.5" x 1.75"
(183 x 76 x 45mm); Fan: 2.8" (70mm)

Includes: • 1 "9V" battery
• Molded hard case

UPC	NO.	
40015 9	DCFM8906	\$113.40 LIST \$189.00
01271 0	ASFT KIT PC Interface Kit (Optional)	



DCFM8906

DIGITAL ALL-IN-ONE AIR FLOW METER WITH CFM, BTU, TEMP, HUMIDITY, DP, FPM, MPH, KPH, MPS, KNOTS & WET BULB

HVAC/R Environment, Exhausts, Blowers.

- Single hand airflow measurement
- Handy recessed service grip
- Single & multi-point average
- RS-232 output
- Min/Max
- Data hold
- °F/°C switch
- Dimension: Vane: 170 x 77 x 40mm
Meter: 175 x 70 x 33mm

- ◆ Range: -4° to 140°F (-20° to 60°C):
+/-1F(.6C)
Resolution: 0.1°F (0.1°C)
- ◆ Relative Humidity: 0 to 100%:
+/-3% 0-90%, +/-5% other ranges
Resolution: 0.1%
- ◆ Dew Point: -90° to 158°F (-68° to 70°C)
Resolution: 0.1°F (0.1°C)
- ◆ Wet Bulb Temperature: -7.6° to 158°F
(-22° to 70°C)
Resolution: 0.1°F (0.1°C)
- ◆ Air Velocity: 1 to 114 ft/s (0.3 to 35m/s)
Accuracy: +/- 5% Resolution: 0.1
- ◆ Air Volume: 0 to 99999cfm
(0 to 99999 m3/s)
Accuracy: +/-5% Resolution: 0.1
- ◆ BTU Capacity: 0-99999BTU (KW)
Resolution: 0.1 (0-9999), 1 (10000-99999)
- ◆ Dimension: Vane: 170 x 77 x 40mm
Meter: 175 x 70 x 33mm
- ◆ Weight: 10.4 oz. (295 g)

Includes: • 4 "AAA" batteries
• Hard case

UPC	NO.	
01249 9	WDCFM8912	\$161.97 LIST \$269.95
01271 0	ASFT KIT PC Interface Kit (Optional)	



WDCFM8912

DIGITAL TWO PIECE AIR FLOW METER WITH RS232 OUTPUT

Measures air velocity, calculated air volume flow, air temperature.

- Instant display of CFM, FPM, CMS, MPS and temp.
- Min/Max
- Data hold
- Single point average
- Multi-point average
- RS-232 output
- °F/°C switch

- ◆ Range: 14° to 122°F (-10° to 50°C)
- ◆ CFM range: 0 to 9,999
FPM range: 80 to 6900 (0.4 to 35 m/s)
- ◆ Accuracy: ±2% full scale, ±1°F (±0.6°C)
- ◆ Resolution: 1 ft/min (0.01 m/sec), 0.1°
- ◆ Cord length: 20.5" extends to 4.5'
- ◆ Dimensions: 7.1" x 2.8" x 1.5"
(181 x 71 x 38mm); Fan: 2.9" (73mm)
- ◆ Weight: 10.4 oz. (295g)

Includes: • 1 "9V" battery
• 1 Remote probe
• Molded hard case

UPC	NO.	
40005 0	DCFM8901	\$120.00 LIST \$199.99
40006 7	P8901 Replacement Vane	
01271 0	ASFT KIT PC Interface Kit (Optional)	



DCFM8901



NEW

DCS400

- ◆ CE/FCC approvals: Yes
- ◆ Power Source: 4 "AA" batteries
- ◆ Dimensions: 3.9" x 2.7" x 1" (100 x 70 x 25mm)
- ◆ Weight: 4.9oz (140g) ◆ Warranty: 1 year
- Includes:
 - 4 "AA" batteries
 - 36" probe
 - Mirror
 - Magnet
 - Pick-up hook
 - Case

UPC NO.
01371 7 DCS400

\$209.30
LIST \$299.00

FEATURES

"THE SEEKER" 400 WIRELESS VIDEO INSPECTION SYSTEM

Used for Plumbing, Construction and Restoration, Automotive inspection, and any other inspection of hard-to-reach and hard-to-see areas.

- 3.5" (88.9mm) TFT-LCD Wireless Color Monitor, can be detached from the unit for remote viewing up to 32.8ft (10m) away
- 3.28ft (1m) Flexible Waterproof (IP67) Obedient Probe retains configured shape Standard Length: 3.28ft (1m) Optional Length: up to 18ft (5.5m)
- 0.67" (17mm) diameter Camera-tipped Probe has built-in adjustable LED lighting
- Records in Still Photo (JPEG) and Video (AVI), or view it live
- Records up to 3 hours continuously
- NTSC or PAL compatible
- Choices of 10 languages in the menu: English, Spanish, French, German, Chinese, Portuguese, Italian, Japanese, Dutch, and Russian

SPECIFICATIONS

CAMERA

- ◆ Transmission Range: 32.8ft (10m) clear field
- ◆ Transmission Frequency: 2468MHz
- ◆ Resolution: 712 x 486 Pixels (NTSC)/ 704 x 576 Pixels (PAL)
- ◆ Field of Depth: 5.9" to 9.8" (150mm to 250mm) ◆ Field of View: 50°
- ◆ Camera-tipped Probe diameter: 0.67" (17mm)
- ◆ Probe Length: Standard: 3.28ft (1m) Optional: up to 18ft (5.5m)
- ◆ Dimensions: 7.3" x 5.7" x 1.6" (186 x 145 x 41mm) ◆ Weight: 18.7oz (530g)

MONITOR

- ◆ Display: 3.5" (88.9mm) Color TFT LCD Screen
- ◆ Resolution: 320 x 240 Pixels
- ◆ Video Output Level: 0.9 to 1.3V@75V
- ◆ Video/Image Resolution: 960 x 240 Pixels (AVI format)/ 640 x 480 Pixels (JPEG format)

NEW

WIRELESS DATA LOGGING VIDEO BORESCOPE

Portable, hand held, complete Borescope System with monitor, camera, video and wireless transmission.

- Operate the instrument anywhere without the cable. An image can be sent to a larger screen up to 798 ft (30m) away
- Three different application modes (on console, on large screen, and projected) allow wide application
- Completely Portable - no need for an external light, power or screen
- 3 Operating Modes - includes Hands-Free, One-Handed and Two-Handed modes
- Rapid imaging - Record still images or MPEG 4 compatible streaming video at the touch of a button
- High quality metal lens sleeve can withstand high temperatures and provides protection of the lens module

CAMERA SYSTEM & INSERT TUBE

- ◆ Diameter of Insert tube: 0.2" (5.5mm)
- ◆ Resolution: 325(H), 250(V)
- ◆ Housing: Steel
- ◆ Light Source: White LED
- ◆ Length: 39.4" (1m)
- ◆ Field of View:
 - Horizontal field angle: 46°
 - Vertical field angle: 34°
 - Diagonal field angle: 56°
- ◆ Depth of Field (DOF): 0.4" to 2.4" (1cm to 6cm)
- ◆ Insert tube is resistant to water, oil, dust, gasoline and scratches
- ◆ Working Temperature: -4° to 140°F (-20° to 60°C)

CONSOLE

- ◆ Dimensions: 5.5" x 1.4" x 1.3" (139 x 35 x 32mm)
- ◆ Weight: 7.8oz (220g)

- ◆ Wireless Transceiver Frequency: 2.4GHz
 - 4 channels (2414MHz 2432MHz 2450MHz 2468MHz)
 - ◆ Battery: Rechargeable Li-Polymer battery 3.7V
 - ◆ Brightness Control: Variable
 - ◆ Audio: Integrated microphone
- SYSTEM**
- ◆ System Dimensions: 5.8"(W) x 4.1"(H) x 2.8"(D) (146.9 x 105.4 x 71mm)
 - ◆ System Weight: 11.8oz (0.335kg)
 - ◆ Power: Battery - Rechargeable Li-Polymer battery 3.7V
Power supply - AC 100-240V 50-60Hz
Power consumption - DC5.5 1.8A
 - ◆ Display: 3.5 TFT LCD QVGA
 - ◆ Recording Medium: 1G SD CARD (up to 2G)
 - ◆ Video Out Format: NTSC & PAL
 - ◆ Interface: AV Out
 - ◆ Wireless Receiver Frequency: 2.4GHz
 - 4 channels (2414MHz, 2432MHz, 2450MHz, 2468MHz)
 - ◆ Compression Format: Compliant w/ MPEG4
 - ◆ Still Image Storage Format: jpeg (640 x 480)
 - ◆ Frame Rate: ~30 fps ◆ White Balance: Fixed
 - ◆ Exposure: Automatic
 - ◆ S/N Ratio: 42dB or more
 - ◆ Languages: English, German, French, Portuguese
 - ◆ Operating Environment: -4° to 140°F (-20° to 60°C)
 - ◆ Storage Environment: -4° to 140°F (-20° to 60°C)
 - ◆ Recharge Environment: 32° to 104°F (0° to 40°C)

UPC NO.
01297 0 DCS1800

\$1329.30
LIST \$1899.00

DCS1800

The complete kit includes:
Main monitor, 3.3 ft (1m) camera probe, SD memory card, instructions and waterproof blow mold carrying case.

FEATURES

"THE SEEKER" 200 & 300 VIDEO INSPECTION SYSTEMS

Ideal for use in: Automotive, Electrical, Plumbing, HVAC/R, MRO Maintenance.

- 2.4" (70mm) Color LCD Screen for crystal clear image (DCS200)
- 3.5" (88.9mm) Color LCD Screen for superb clarity and viewing effect (DCS300)
- 0.47" (12mm) diameter Camera-tipped Probe is flexible and strong with built-in adjustable LED lighting, and is slim enough to perform automotive engine check-up
- Flexible Probe retains configured shape to suit different inspection needs
- Probe Length: Standard: 3.28ft (1m) Optional: up to 32.8ft (10m)
- View findings instantaneously
- Mirror, Magnet and Pick-up Hook



SPECIFICATIONS

- ◆ Display: 2.4" (70mm) Color LCD Screen (DCS200)
- ◆ Display: 3.5" (88.9mm) Color LCD Screen (DCS300)
- ◆ Resolution: 320 x 234 Pixels
- ◆ Camera-tipped Probe diameter: 0.47" (12mm)
- ◆ Probe Length: Standard: 3.28ft (1m) Optional: up to 32.8ft (10m)
- ◆ Field of Depth: .98" to 11.8" (25mm to 300mm)
- ◆ Field of View: 60°
- ◆ Light Source: two adjustable LED's
- ◆ Working Temperature: 32° to 113°F (0° to 45°C)

- Includes:
- 3.28ft (1m) Flexible Probe
 - Extension Tools: (Mirror, Magnet, Pick-Up Hook)
 - 1 "9V" Battery
 - Blow Mold Case
 - Instruction Manual

UPC	NO.	
01372 4	DCS200	\$132.30 LIST \$189.00

UPC	NO.	
01373 1	DCS300	\$153.30 LIST \$219.00



DCS200/
DCS300

HIGH PERFORMANCE DATA LOGGING VIDEO BORESCOPE SYSTEM

Portable, hand-held, complete Borescope System with monitor, camera and video.

- Bright TFT Display
- Revolutionary mobility, no need to transport large multiple components
- Compact, palm-sized unit includes LED light source, TFT (Thin Film Transistor) display, camera and recorder
- Takes still photos and dynamic video in real time
- Internal SD memory allows user to save a whole video and output later
- TV monitor output, Computer USB output
- Data logging function
- Multiple mirrored viewing tips and extra wide view angle
- Multiple video formats compatible with most software including Windows® Media Player
- No special software required
- Rechargeable batteries can record for 4 hours
- Comes with a 3.3 ft (1m) long obedient probe that retains the required shapes
- 0.2" (5.5mm) diameter camera-tipped probe easily fits through the spark plug hole of any engine
- 4 super-strength white LED lights inside the tip
- Insert tube is resistant to water, oil, dust, gasoline, and scratches
- Optimized illumination
- Rapid assembly of lens module
- Illumination intensity easily adjusts to environment
- 3.5" (89mm) extra-wide TFT monitor

- ◆ 5.5mm Diameter Insert Tube 325(H) 250(V)
- ◆ Housing: Steel
- ◆ Light Source: White LED
- ◆ Length: 1m 2m 3m (up to 30m)
- ◆ Field of View: Horizontal field angle: 46° Vertical field angle: 34° Diagonal field angle: 56°
- ◆ Depth of field (DOF): 1cm ~ 6cm
- ◆ Working Temperature: 0° to 55°C

CONSOLE

- ◆ Power: Rechargeable Li-Polymer battery 3.7V
 - AC 100-240V 50-60Hz Power consumption DC5.5 1.8A
- ◆ Display: 3.5 TFT LCD QVGA
- ◆ Recording Medium: 1G SD CARD (up to 2G)
- ◆ Video Out Format: NTSC & PAL

UPC	NO.	
01305 2	DCS1600	\$1119.30 LIST \$1599.00

The complete kit includes:
Charger, lens module cable 3.3 ft (1m), SD memory card, 30°, 45° and 60° mirrors, USB to 5-pin mini-B cable, video cable, cleaning cloth, cotton swabs, instructions, hard blow mold case.



DCS1600

FEATURES

SPECIFICATIONS



GPK015
GPK035

GAS PRESSURE TEST KIT

Rugged, Heavy Duty Field Use.

- Measure Natural gas (methane) or LP gas pressure across appliance manifolds
- Test gas stoves, furnaces, dryers and other gas appliances. Can also be used for other non-corrosive gases
- Large 2" sensitive diaphragm gauge is calibrated in inches of water column, also shows ounces per square inch
- Magnified lens
- Easier to use than a manometer

- ◆ Range **GPK015**:
0 to 15 inches of water column (in H₂O)
0 to 9 ounces per square inch (oz/in²)
- ◆ Range: **GPK035**:
0 to 35 inches of water column (in. H₂O)
0 to 20 ounces per square inch (oz./in²)
- Includes: • 2" sensitive diaphragm gauge
• 3' of rubber tubing
• Brass fitting for quick connection to the appliance manifold 3/8" NPT
• Molded hard case

UPC	NO.	\$26.97
41240 4	GPK015	LIST \$44.95
41230 5	GPK035	



WA500

WATER ALARM

Find leaks from Plumbing, Appliances, Water Heaters, etc.

- Detects water leaks from plumbing and appliances
- Alarm sounds when water is detected
- Helps reduce water damage
- Finds mold causing moisture
- Low battery indicator

- ◆ Size 4.3" x 4.3" x 1"
- Includes: • 1 "9V" battery

UPC	NO.	\$8.99
80140 8	WA500	LIST \$14.99

CONTACT/NON-CONTACT TACHOMETER KIT

Can be used in a wide variety of RPM and surface speed measurements.

- Measurement types: Rotation speed (RPM); Total revolutions (REV); Surface speed (I/M, M/M, Y/M, F/M) and Length (M, YD, FT)
- Non-contact RPM measurements up to 100cm from target
- Laser Diode Detection
- Laser sighting
- LCD display
- Auto power off
- 40 point memory: 10 selectable MAX, 10 selectable MIN, 10 selectable AVG, and 10 selectable DATA measurements
- Ultra low power consumption in shutdown mode

- ◆ Non-contact range: 6.0 – 99,999 (RPM)
- ◆ Contact range: 6.0 – 25,000 (RPM)
- ◆ Surface speed range: 0.6 – 25,000.0 (M/M), 0.7 – 2734.0 (Y/M), 23.6 – 98425 (I/M), 2.0 – 8202.1 (F/M)
- ◆ Length range: 1 – 99,999 (REV)
- ◆ Resolution: 6.0 – 9999.9 RPM : 0.1 RPM, 10,000 – 99,999RPM : 1RPM
- ◆ Accuracy of Resolution: 6.0 – 5999.9 RPM: +/-0.01% and +/-1 digit 5999.9 – 99,999 RPM: +/-0.05% and +/-1 digit
- ◆ Response time: 1 second
- ◆ Operating temp.: 32° to 212°F (0° to 50°C), 10 – 90%RH
- ◆ Dimensions: 5.79" x 1.93" x 1.14" (147 x 49 x 29mm)
- ◆ Weight: 95 g approx without battery; Contact adapter: 50g
- ◆ Power Source: 1 "9V" battery (not included)
- Includes: • Cone adapter
• Funnel adapter
• Contact adapter
• Master wheel (10cm)
• Reflective tape 0.59" x 20.67" (15 x 525mm)
• Molded hard case

UPC	NO.	\$119.40
40900 8	PCT900	LIST \$199.00



PCT900

FEATURES

DIGITAL CHARGING SCALE

Ideal for accurate charging.

- Constructed from rigid die cast aluminum
- Heavy duty load cell, built-in overload protection
- Low battery warning with auto power off
- Reading may be zeroed out at any time
- Reliable membrane key pad switches
- Measures lb., oz. & kg.
- Extra large LCD display
- Display unit is desk or wall mountable

SPECIFICATIONS

- ◆ Capacity: 220 lbs (100 kg)
 - ◆ Accuracy: $\pm 10\%$
 - ◆ Resolution: 0.5oz (5g)
 - ◆ Operating Temperature: 32° to 115°F (0° to 45°C)
 - ◆ Battery Life: (approximately 40 hrs)
 - ◆ 8-3/4" x 8-3/4" (22 x 22cm) Platform
- Includes: • 1 "9V" battery
• Molded hard case

UPC	NO.
01245 1	DS300RC

\$131.40
LIST \$219.00



DS300RC

REFRACTOMETER

For testing Polyglycol/Antifreeze.

- Used to check freezing point on Glycol and break fluid 10°F, -60 to 32°F, 1.15 to 1.3 S/G

- Includes: • Calibration screwdriver
• Plastic pipette
• Carrying case

UPC	NO.
44401 6	REF401

\$60.00
LIST \$99.99



REF401

USB INTERFACE KIT

- For downloading readings to your PC
- Use with data logger models:
DL8828-Digital temperature data logger
DL8829-Digital temperature & humidity data logger

- Includes: • Data logger base
• USB1.1 cable
• Software
• Operation manual

UPC	NO.
46135 8	INT8819

\$42.00
LIST \$69.99



INT8819

FEATURES

SPECIFICATIONS



DL8829

DIGITAL TEMPERATURE & HUMIDITY DATA LOGGER

To measure and record temperature for energy audits and other professional applications.

- Records relative humidity and temperature
- Logs data for days, weeks or months
- Multiple data loggers can be programmed and data downloaded from a single docking station
- Programmable sampling rate from 1 sec. to 2 hrs.
- View either temperature or humidity on LCD
- Program the data logger, analyze and store data using software - Models **INT8818**, **INT8819** (not included)
- Yellow record LED flashes when unit is sampling
- Scheduled, magnetic or immediate start capability
- Real time clock stores date and time with data
- Programmable high and low limits with alarm

- ◆ Range: -40° to 185°F (-40° to 85°C)
- ◆ Humidity Range: 0 to 100%RH
- ◆ Accuracy: ± 1°F from -4° to 122°F, (-20° to 50°C) ± 2°F at all other ranges; ±5% RH
- ◆ Resolution: 0.1°, 0.1% RH
- ◆ Memory: Temp: up to 8,000; RH: 8,000 points
- ◆ Dimensions: 3.14" x 2.16" x 0.86"
- ◆ Weight: 2.6 oz. (76g)

Includes: • Lithium battery

\$60.00
LIST \$99.99

UPC	NO.
46120 4	DL8829
46130 3	INT8818 Serial Interface Kit (Optional)
46135 8	INT8819 USB Interface Kit (Optional)

HYDROGAUGE MANOMETER

Economical Pressure measurements.

- Replaces ordinary U-tube manometers
- Measures gas pressure easily and efficiently
- Direct reading, no plus or minus readings to add together as in old fashioned U-tubes
- Fills like a glass of water, no more troublesome air bubbles
- Strong magnet for mounting
- Heavy-duty construction
- Made of industrial grade, flexible PVC plastic
- Lightweight
- Easy to use

- ◆ HG15 water column height: 15"
 - ◆ Plastic: 30" to 36" of industrial grade flexible plastic
 - ◆ Hose fitting: All brass
- Includes: • Mounting magnet

\$16.77
LIST \$27.95

UPC	NO.
41225 1	HG15



HG15

DELUXE DIGITAL MANOMETER

- Digital display gauge or differential pressure
- Select: psi, inH₂O, bar, mmHg, ozin², kgcm², kPa, ftH₂O, inHg, cmH₂O & mbar
- Bright backlight
- Data hold & record
- Min/Max button
- Simple fittings for hose connection
- RS232 Output

- ◆ **DM8215:** 0-15 psi (to 415 inH₂O); Res. (bar) 0.01
- Includes: • 1 "9V" battery
• Connection hose
• Molded hard case

\$114.00
LIST \$189.99

UPC	NO.
41215 2	DM8215

01271 0 **ASFT KIT** PC Interface Kit (Optional)



DM8215

DMM8215 - HVAC, Industrial Gas Pressure.

AUTOMATIC DIGITAL CAPACITOR TESTER

Checks Capacitors on controller boards.

- 0.5% accuracy
- Overload fuse protection
- Alligator test clips
- Insert jack
- Easy measurement

- ◆ Range: 200 pF/2nF/20nF/200nF
 - ◆ Measurement voltage: 4.5 V max.
 - ◆ Test frequency: 8/80/800 Hz
 - ◆ Principle: Dual slope integration
- Includes: • Alligator test leads

\$18.00
LIST \$29.99

UPC	NO.
50192 4	CAP1500



CAP1500

FEATURES

SPECIFICATIONS

ANALOG MULTIMETER

Makes economical electrical readings.

- Fuse and diode protected
- Single knob function and range selector switch
- 18 ranges
- Self-storing leads
- AC/DC Volts
- DC current

- ◆ AC voltage: 0/50/250/500 Volts
 - ◆ DC voltage: 0/10/50/250/500 Volts
 - ◆ DC current: 0/25mA/250mA
 - ◆ Resistance: 0 - 100 Ω
 - ◆ Dimensions: 4" x 2-1/2" x 3/4"
- Includes: • 1 "AAA" battery

UPC	NO.	\$9.60
50005 7	AM35UL	LIST \$15.99



AM35UL

ECONOMY DIGITAL MULTIMETER WITH LED & CONTINUITY BEEPER

Provides electrical readings economically.

- Single lead hotside identification with bright red LED
- Continuity beeper with red LED
- AC & DC volts
- DC current
- Distinguished hot & ground
- Ground disconnect check

- ◆ AC voltage: 200V, 750V (2 ranges)
 - ◆ DC voltage: 2V to 1000V (4 ranges)
 - ◆ DC current: 200 μ A to 10A (5 ranges)
 - ◆ Resistance: 200 Ω to 2M Ω (5 ranges)
- Includes: • 1 "9V" battery
• Test leads

UPC	NO.	\$12.90
50100 9	DMM830HS	LIST \$21.50



DMM830HS

DIGITAL SERVICE MULTIMETER

HVAC/R, Industrial uses.

- Measures AC/DC voltage, AC/DC current, resistance, diode, continuity and transistors
- Jumbo LCD display
- Micro amps for FSG measurement
- Low battery display
- Continuity beeper
- Protective boot with tilt stand

- ◆ AC voltage: 200mV to 750V
 - ◆ DC voltage: 200mV to 1000V
 - ◆ AC current: 200 μ A to 10A (6 range)
 - ◆ DC current: 20 μ A to 10A (7 range)
 - ◆ Resistance: 200 Ω to 200M Ω (7 range)
- Includes: • All weather test leads
• Rubber Holster

UPC	NO.	\$36.00
50190 0	DMM51FSG	LIST \$59.99



DMM51FSG

DIGITAL CREDIT CARD STYLE MULTIMETER

Fits in shirt pocket.

- Auto ranging
- Continuity check w/ beep, diode check
- Data hold
- Auto power off
- Analog bargraph
- Low battery indicator
- Fast sampling rate

- ◆ AC voltage: 3V to 450V (4 ranges)
 - ◆ DC voltage: 300mV to 450V (5 ranges)
 - ◆ Resistance: 300 Ω to 30M Ω (6 ranges)
 - ◆ Dimensions: 4.25" x 2.1" x 0.25"
- Includes: • 2 "LR44" batteries
• Test leads
• Soft case

UPC	NO.	\$24.00
50105 4	DMM333	LIST \$39.99



DMM333

FEATURES

SPECIFICATIONS

ST600LED



BRIGHT RED L.E.D. SCREWDRIVER TESTER

Checks for Continuity, Voltage.

- Self-test
- Continuity & polarity checks
- Microwave leakage test
- Checks fuses
- Drop-resistant to 10 feet

- ◆ AC voltage: 70 to 250V
 - ◆ Non-contact AC: 70 to 600V
 - ◆ Continuity test: 0 to 50M^Ω
- Includes: • 1 "LR44" battery

UPC	NO.
51115 2	ST600LED

\$2.50 LIST \$4.95



GF1302

3 WIRE TESTER WITH GFI UL LISTED

Ideal for Home Inspection.

- Works on 110 to 125V AC circuits
- Tests GFCI receptacle for proper operation
- Gives instant display of wiring condition
- Detects faulty wiring in three wire receptacles
- Combinations of three lights indicate if wiring is correct
- Combinations of three lights indicate six possible faulty conditions

UPC	NO.
51067 4	GF1302

\$5.97 LIST \$9.95



VS3000A

AUDIBLE/VISUAL NON CONTACT VOLTAGE TESTER, UL LISTED

Ideal for voltage breaks in lines.

- Non-Contact Voltage Detection
- Indicates presence of voltage from 50-600VAC
- Reads Hot Wire With Respect to Ground
- Audible & Visual Indication
- Easy-to-use
- ◆ Voltage Range: -50-1000VAC
- ◆ Frequency Range: 50-500 Hz
- ◆ Operating Environment: 32° to 122°F (0° to 51°C) at <95% RH

- ◆ Storage Temp.: -4 to 140°F (-20 to 60°C) at <95% RH
 - ◆ Dimensions: 6.0" x .9" x .8" (152 x 23 x 20 mm)
 - ◆ Weight: 1.6 oz. (50g)
- Includes: • 2 "AAA" batteries

UPC	NO.
012621 1	VS3000A

\$7.77 LIST \$12.95

ALL WEATHER TEST LEADS

Ideal for cold weather.

- Flexible soft leads
- Ideal for cold months
- Medium alligator clips w/ insulated boots

- ◆ Volts: 300V
- ◆ Amps: 10
- ◆ Wire gauge: 18 gauge
- ◆ Length: 36"
- ◆ Weight: 0.26 lb.

UPC	NO.
51135 0	TL360W

\$4.80 LIST \$7.99

TL360W



START SWITCH 16/2, 20 AMP, PUSH BUTTON (UL SWITCH)

Quickly hooks up motors/machinery for testing.

- Red & black heavy duty boots
- Large clips
- Push button start switch
- Replaces any C-6 start switch

- ◆ Wire gauge: 16/2 gauge
- ◆ Length: 2'
- ◆ Amps: 15
- ◆ Weight: 0.52 lb.

UPC	NO.
51145 9	SSC6

\$18.00 LIST \$29.99

SSC6



CT500AV



LOW VOLTAGE SCREWDRIVER TESTER

Tests for continuity, polarity, breaks in lines.

- LED light & buzzer indication
- AC contact & non-contact
- DC volts
- Checks fuses
- Continuity & polarity checks
- Microwave leakage test

- ◆ AC voltage: 6 to 30 VAC
 - ◆ DC voltage / polarity check: 1.5 to 30 VDC
 - ◆ Continuity test: 0 to 80M^Ω
- Includes: • 1 "LR44" battery

UPC	NO.
51075 9	CT500AV

\$6.00 LIST \$9.99

FEATURES

RUGGED AC AMP CLAMP

- Easy to use
- Data Hold, Max Hold
- Auto Ranging
- 3-1/2 Digit Jumbo LCD Display
- Continuity Buzzer, Diode Test
- Auto Power Off

SPECIFICATIONS

- ◆ AC Current: 600AAC
- ◆ AC Voltage: 2/20/200/600VAC
- ◆ DC Voltage: 200mV/2/20/200/600VDC
- ◆ Resistance: 200/2k/20k/200k/2M/20MΩ
- ◆ Frequency: 10 - 2000Hz
- Includes: • 2 "AAA" batteries
 - Test leads
 - Carrying case

UPC	NO.	
01356 4	DAMP60	\$36.00 LIST \$59.99



DAMP60

RUGGED HVAC TRUE RMS AMP CLAMP

- True RMS
- AC DC Amps
- Easy to use
- Temperature
- Capacitance
- Max Hold, Zero Button
- Auto Ranging
- 3-1/2 Digit Jumbo LCD Display
- Continuity Buzzer, Diode Test
- Auto Power Off

- ◆ AC Current: 600AAC
- ◆ AC Voltage: 400mV/4/40/400/600VAC
- ◆ DC Current: 600ADC
- ◆ DC Voltage: 400mV/4/40/400/600VDC
- ◆ Resistance: 400/4k/40k/400k/4M/40MΩ
- ◆ Capacitance: 40n/400nF/4μ/40μ/400μ/4000μF
- ◆ Frequency: 10/100/1000/10k/100k/1000k/10MHz
- ◆ Temperature: -40° to 752°F (-40° to 400°C)
- Includes: • 3 "AAA" batteries
 - Test leads
 - Carrying case

UPC	NO.	
01369 4	DAMP68	\$101.97 LIST \$169.95



DAMP68

DELUXE DIGITAL AMP CLAMP METER

Plant Maintenance, HVAC/R.

- Backlight & jaw light
- 1,000 amps AC
- Measures frequency, temperature & capacitance
- Data hold & rel. mode
- Diode test & continuity beeper
- Manual or auto ranging
- Jumbo 4 digit display
- Low battery indicator

- ◆ AC/DC voltage: to 600V
- ◆ AC current: to 1,000A
- ◆ Resistance: to 40MV
- ◆ Range: -40° to 1832°F
- ◆ Sampling rate: 3 times/second
- ◆ Jaw opening: 1.57"
- ◆ Dimensions: 10.2" x 4.1" x 2"
- Includes: • 1 "9V" & 1 "AAA" batteries
 - Soft case
 - All weather test leads
 - Temperature probe

UPC	NO.	
50026 2	DAMP206	\$101.40 LIST \$169.00



DAMP206

MINI AC AMP CLAMP METER

HVAC, Industrial uses.

- Data hold
- Auto ranging
- Easy-to-use
- Continuity beeper
- Low battery indicator
- Auto power off
- Jumbo LCD display

- ◆ AC voltage: to 600V
- ◆ AC current: to 600A
- ◆ Resistance: to 200V
- ◆ Sampling rate: 2 times/second
- ◆ Jaw opening: 1"
- ◆ Dimensions: 7.4" x 2" x 1.3"
- ◆ Weight: 7.4 oz.
- Includes: • 2 "AAA" batteries
 - All weather test leads
 - Soft carrying case

UPC	NO.	
50027 9	DAMP221	\$42.00 LIST \$69.99



DAMP221

FEATURES

SPECIFICATIONS

CT800

**MULTI-COLORED TEST LEADS**

Handy Jumper set of Leads.

- Easy-to-use multi-colored test leads
- 5 colors (2 each) for easy testing on the job white, red, black, yellow & green

- ◆ Volts: 300V
- ◆ Wire gauge: 22 gauge
- ◆ Length: 18"
- ◆ Weight: 0.18 lb.

UPC	NO.
51105 3	CT800

\$5.39
LIST \$8.99

CT700F

**TEST CORD (FEMALE)**

- Red & black heavy duty boots
- Large clips
- 3 wire
- Get power in remote areas w/o 110V outlet

- ◆ Volts: 3 to 20V
- ◆ Amps: 125
- ◆ Wire gauge: 16 gauge
- ◆ Length: 24"
- ◆ Weight: 0.36 lb.

UPC	NO.
51095 7	CT700F

\$5.39
LIST \$8.99

NEW



RLD380L

HIGH PERFORMANCE REFRIGERANT LEAK DETECTOR

HVAC/R, Industrial, Automotive uses.

- Microprocessor Controlled with advanced digital signal processing
- Multi color visual display
- High-Low leak sensitivity selector
- Low battery indication
- Semiconductor gas sensor
- Detection of R-134a, R-404A, R-410A, R-407C, R22 Freon gas, etc.
- Sensitivity (H/M/L): R-22,134a 6g/year 30g/year R-404A,407C,410A 8g/year 40g/year
- 15" (39cm) flexible stainless probe
- Reference Leak source included
- Ambient concentration reset

- ◆ Alarm Method: Buzzer, Tricolor LED bar Indicator
- ◆ Snake Tube length: 15" (390mm)
- ◆ Dimension / Weight: 6.8"H x 2.6"W x 2.2"D (173 x 66 x 56mm) approximately 14.1 oz (400g)
- ◆ Battery Life: Approximately 40 hours normal use
- ◆ Auto power OFF:10 minutes
- ◆ Warm-Up Time: Approximately 90 seconds
- ◆ Altitude: < 6500' (2000M)
- ◆ Operating Temperature & Humidity: 32° to 104°F (0° to 40°C), < 80% RH
- ◆ Storage Temperature & Humidity: 14° to 140°F (-10° to 60°C), < 70% RH

Includes:

- 4 "AA" batteries
- Leak check bottle
- Molded hard case

UPC	NO.
40141 5	RLD380L

\$131.40
LIST \$219.00

NEW



RLD382P

HIGH PERFORMANCE REFRIGERANT LEAK DETECTOR WITH PUMP

HVAC/R, Industrial, Automotive, small leaks.

- Microprocessor Control with advanced digital signal processing
- Multi color visual display
- High-Medium-Low leak sensitivity selector
- Low battery indication
- Semiconductor gas sensor
- Detection of R-134a, R-404A, R-410A, R-407C, R22 Freon gas, etc.
- Sensitivity (H/M/L): R-22, 134a 3g/year 15g/year 30g/year, R-404A, 407C, 410A 4g/year 20g/year 40g/year
- 15.5" (40cm) flexible stainless probe
- Reference Leak source included
- Ambient concentration reset
- Long-life, DC brushless fan
- Automatic zero and background compensation

- ◆ Alarm Method: Buzzer, Tricolor LED bar Indicator
- ◆ Snake Tube length: 40cm (15.5")
- ◆ Dimension / Weight: 6.8"H x 2.6"W x 2.2"D (173 x 66 x 56mm) approximately 14.1 oz (400g)
- ◆ Battery Life: Approx. 7 hours normal use
- ◆ Auto power OFF: 10 minutes
- ◆ Disable Auto Power Off: Press and Hold "Hi" button then power on the meter
- ◆ Warm-Up Time: Approximately 45 seconds
- ◆ Altitude: < 2000M (6500')
- ◆ Operating Temperature & Humidity: 32° to 104°F (0° to 40°C), < 80% RH
- ◆ Storage Temperature & Humidity: 14° to 140°F (-10° to 60°C), < 70% RH

Includes:

- 4 "AA" Alkaline batteries
- Leak check bottle
- Molded hard case

UPC	NO.
00382 4	RLD382P

\$173.40
LIST \$289.00

FEATURES

SPECIFICATIONS

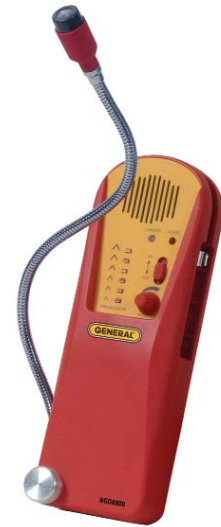
COMBUSTIBLE GAS LEAK DETECTOR

Industrial uses, HVAC/R, plumbing and plant maintenance.

- Highly sensitive wide range gas detector
- Detect methane, natural gases, coal gases, hexane, propane, ethane, Butane, pentane, isopropyl alcohol, halogenation hydrocarbon, (Methanol, Ethanol, Butanol) aether, ketone (butone, protone), Hydrogen, toluene, and other compounds, (gasoline, industrial solvent, lacquer, refrigerant, sulfur dioxide, ammonia, sulfured hydrogen, acetic acid, etc)
- Quick response
- Audible & visual indication
- Auto fast warm-up
- Adjustable sensitivity
- Flexible probe—May be rotated
- Low battery indication
- Rechargeable battery

- ◆ Operation temperature: 32° to 125°F (0° to 52°C)
 - ◆ Gas Sensitivity: Variable, as low as 5ppm (gasoline)
 - ◆ Response time: Instantaneous
 - ◆ Warm up time: <110 seconds in 25 , 60%RH)
 - ◆ Continuous operation time 2hours varies with operation)
 - ◆ Double color LED indicate charge state
 - ◆ Power supply: 1200mAh, 6V Ni-MH rechargeable battery
 - ◆ Size: 9.3" x 3.4" x 1.8" (235 x 86 x 46mm)
 - ◆ Weight 17.4 oz (492 g)
- Includes:
- Rechargeable battery pack
 - Combustible gas Detector
 - Standard accessory
 - Charger
 - Carry Case

UPC	NO.	\$120.00 LIST \$199.99
40880 3	NGD8800	



NGD8800

DIGITAL CO DETECTOR WITH PROTECTIVE BOOT & CASE

Ideal for Home, Office, Tunnels, Mines, etc.

- Jumbo LCD display with backlight
- Pocket-sized and easy-to-use
- Fast sampling time
- Max hold and data hold
- Audible beep from 35 to 200 ppm
- Continuous beep after 200 ppm
- Auto power off - 15 min. inactive
- Protective rubber boot
- Backlight

- ◆ Range: 0 to 1,000 ppm
 - ◆ Resolution: 1 ppm
 - ◆ Accuracy: 5% or 10 ppm
 - ◆ Dimensions: 6.3" x 2.2" x 1.6"
- Includes:
- 1 "9V" battery
 - Soft case
 - Rubber boot

UPC	NO.	\$143.40 LIST \$239.00
41660 0	DCO1002	



DCO1002

PORTABLE GAS LEAK DETECTOR

Industrial uses, HVAC/R, plumbing and plant maintenance.

- Highly sensitive wide range gas detector
- Detect methane, natural gases, coal gases, hexane, propane, ethane, Butane, pentane, isopropyl alcohol, halogenation hydrocarbon, (Methanol, Ethanol, Butanol) aether, ketone (butone, protone), Hydrogen, toluene, and other compounds, (gasoline, industrial solvent, lacquer, refrigerant, sulfur dioxide, ammonia, sulfured hydrogen, acetic acid, etc.)
- Quick response
- LED & audio indication
- Gas concentration alarm
- Adjustable sensitivity
- Rechargeable
- 3-color leak indication

- ◆ Gas sensitivity: 50 ppm~100% LEL (Lower Explosive Limit)
 - ◆ Startup time: <30 sec.
 - ◆ Response time: <3 sec.
 - ◆ Visual LED displays 10 levels for each of 3 gas ranges: Green for low levels, yellow for moderate and red for dangerous levels
 - ◆ Operating Conditions: -4° to 140°F, <98% RH
 - ◆ Low power warning
 - ◆ Size: 170 mm x 62 mm x 26 mm
- Includes:
- AC Adapter Accessories
 - 1 "9V" battery
 - **A268-110 - A268-220 - T268** - Sensor

UPC	NO.	\$120.00 LIST \$199.99
41537 5	NGD268	



NGD268

FEATURES

SPECIFICATIONS

PNG2000A



NATURAL GAS DETECTOR PEN

Ideal for HVAC/R, household, etc.

- Audible and visible annunciation
- LEDs: green, on; yellow, 500 ppm; red 200ppm
- Detects lng, lpg, ch4, methane, butane, flammable gas
- Catalytic combustion sensor
- Precalibrated
- Compact and lightweight

- ◆ Sensitivity: lpg 2000 ppm, lng 4000 ppm
- Includes: • 2 "AA" batteries
- Wrist strap

UPC NO.
41501 6 PNG2000A

\$30.00
LIST \$49.99

DCO1001



DIGITAL CO DETECTOR WITH AUTO ZERO

Ideal for Home, Office, Tunnels, Mines, etc.

- Adjustable CO warning level
- LCD dual digital display
- Bright backlight
- Low battery indication
- °F/°C selectable
- Auto power off
- Auto zero
- Self test

- ◆ CO range: 0~999ppm
- ◆ Resolution: 1ppm
- ◆ Battery life is 250 hours when the backlight is off and 35 hours with the backlight on

- Includes: • 3 "AAA" batteries
- Operation manual
- Wrist strap
- Carrying pouch

UPC NO.
41655 6 DCO1001

\$101.97
LIST \$169.95

NGD7201



PRECISION GAS LEAK DETECTOR "GAS DOG"

Ideal for Industrial uses such as gas furnaces and plant maintenance.

- Precise detection of combustible gas leaks
- Sensitive to very low levels of methane, propane, butane & hydrogen
- Detection range:
Methane: 120ppm - 1920 ppm
Propane: 40ppm - 640ppm
- Reliable solid state sensor
- Dual visible & audible alerts
- Auto power off
- Low battery warning
- Unique compact ergonomic design
- Variable alarm set point

- ◆ Operating temperature range: 23° to 113°F (-5° to 45°C)
- ◆ Warm-up time: < 60 seconds
- ◆ Response time: < 2 seconds
- ◆ Sensitivity: 40ppm
- ◆ Flexible probe length: 18" (465mm)
- ◆ Indicator: Acoustic intermittent beep and visual LED
- ◆ Auto power off: About 10 minutes
- ◆ Dimensions: 6.9" x 2.8" x 1.5" (175 x 70 x 38mm)

- Includes: • 4 "AA" batteries
- Stainless flexible probe
- Molded hard case

UPC NO.
40720 2 NGD7201

\$101.97
LIST \$169.95

NGD100



NATURAL GAS DETECTOR

Ideal for checking plumbing fixtures and household use.

- Detects natural gas, compressed natural gas, methane, propane, butane, liquid natural gas (LNG), liquid petroleum gas (LPG)
- Locates leaks in pipes, valves, fittings
- Audible & visual alerts
- Lightweight & pocket sized
- Highly sensitive to combustible gas
- Red alarm lights and buzzer sounds when gas is detected

- ◆ Sensor: solid state
- ◆ Dimensions: 6.25" x 1.385" x 0.75"
- ◆ Weight: 3 oz.
- Includes: • 2 "AA" batteries

UPC NO.
41600 6 NGD100

\$18.00
LIST \$29.99

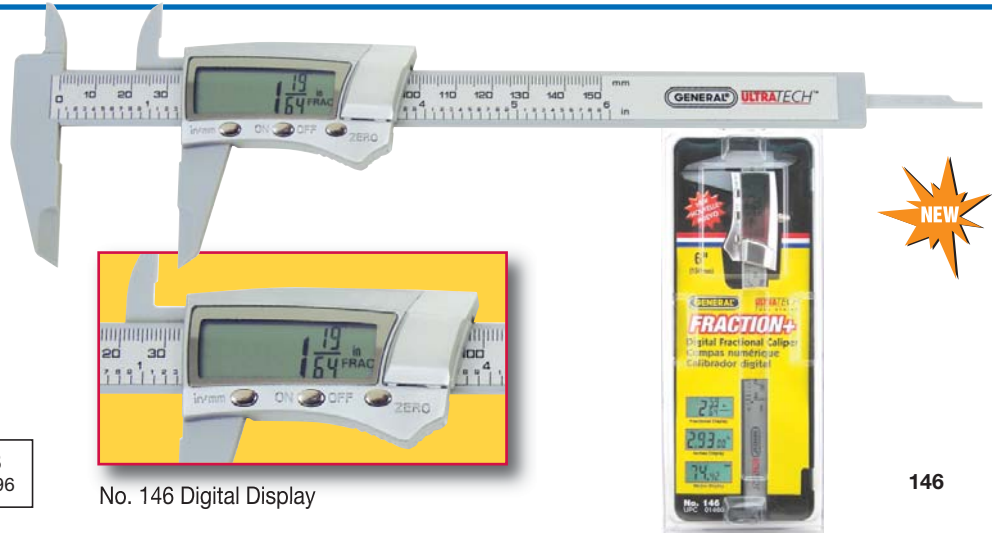
FEATURES

FRACTION+

**6" CARBON FIBER
DIGITAL FRACTIONAL CALIPER**

- 6" (153mm) range
- Lightweight, Non-Marring Carbon Fiber Composite
- Convenient Auto Off Feature
- Three Mode Digital Display: Decimal Inches, Fractions, Metric
- Accuracy: +/- 0.001" +/- 0.02mm
- Resolution: 0.0005", 0.01mm, 1/64"
- Includes: 1 "SR44" (1.5V) battery

UPC	NO.	RANGE	\$14.98
01460 3	146	0 - 6" (0 - 153mm)	LIST \$29.96



No. 146 Digital Display

146

FRACTION+

**3" CARBON FIBER
DIGITAL FRACTIONAL CALIPER**

- 3" (76mm) range
- Lightweight Non-Marring Carbon Fiber Composite
- Convenient Auto Off Feature
- Three Mode Digital Display: Decimal Inches, Fractional and Metric
- Convenient pocket clip
- Accuracy: +/- 0.004" +/- 0.1mm
- Resolution: 0.0005", 0.01mm, 1/64"
- Includes: 1 "SR54" (1.5V) silver oxide battery

UPC	NO.	RANGE	\$9.98
01433 7	1433	0 - 3" (0 - 76mm)	LIST \$19.96



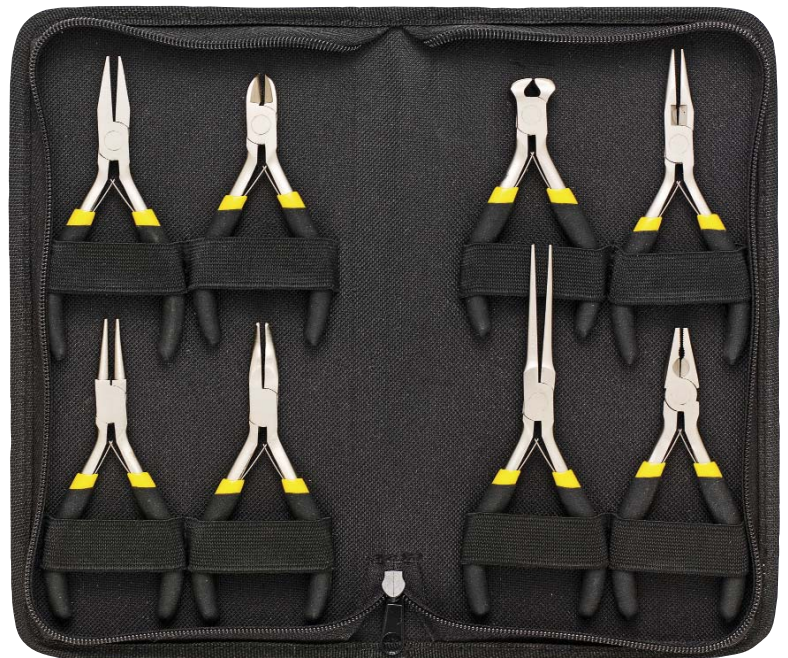
No. 1433 Digital Display

1433

8-PIECE TECHNICIAN'S MINI-PLIER SET

- A compact set designed for Electricians, Technicians, Hobbyists and Do-it-Yourselfers
- High quality Chrome Vanadium Steel will not rust
- Box joint construction for greater durability and alignment
- Serrated jaws for better grip
- Large Steel Leaf Spring for quick opening jaws
- Fully-polished head
- Double dipped cushion grip handles for safe gripping
- Durable Vinyl Case for the easy and safe storage of these precision pliers
- Consists of eight of the most popular sizes of mini-pliers
 - No. 901 - Chain Nose Serrated Jaw Pliers. OAL - 5"
 - No. 902 - Round Nose Pliers. OAL - 4-3/4"
 - No. 903 - Smooth Jaw Pliers. OAL - 4-7/8"
 - No. 904 - Curved Chain Nose Pliers. OAL - 4-3/4".
 - No. 905 - Long Needle Nose Pliers. OAL - 6"
 - No. 906 - Diagonal Head/Oval Cutter. OAL - 4-1/4"
 - No. 907 - End Cutter. OAL - 4-1/8"
 - No. 908 - "Mini" Linemans Pliers. OAL - 4-1/2"
- No. 938 - 8 piece "Mini" Plier Set

UPC	NO.	PKG.	\$20.15
00938 8	938	8 Piece - Vinyl Case/Boxed	LIST \$40.29



938

FEATURES



129

CLASSIC MINI TUBING CUTTER

- For cutting copper, aluminum, brass and thin wall tubing in tight or hard-to-reach places
- Large knob for added torque
- Hardened flare grooved rollers
- Replaceable cutting wheel: RW121/2

UPC	NO.	CAPACITY	\$3.05 LIST \$6.10
12028 1	129	1/8" to 7/8" (3mm - 22mm)	
12023 6	RW121/2	Replacement Wheel (2)	



119

ONE-HANDED PLASTIC PIPE & HOSE CUTTER

- For cutting PVC, CPVC, Polyethylene, PEX and ABS tubing
- One-handed Operation
- Quick-Blade Reset
- Ratchet system holds blade in place while you adjust your grip to increase pressure
- High carbon steel blade maintains sharpness and resists chipping

- Handle locking strap for safe storage
- Exclusive, easy replaceable blade feature
- Ergonomically designed handle for comfort
- Replacement Blade, No. 119BG

UPC	NO.	CAPACITY	LENGTH
31173 3	119	1/8" to 1-5/8"	8-1/4" (210mm)
01194 7	119BG	Replacement Blade	



69

DIAL WIRE STRIPPER

- Dial the wire size desired for individual or repetitive stripping without damaging wire
- Spring opening for fast and easy cutting or stripping

- Dial lock closes stripper to protect hardened cutting edges
- Vinyl cushion handles

UPC	NO.	WIRE GAGE CAPACITY	\$5.91 LIST \$11.81
41036 8	69	12, 14, 16, 18, 20, 22, 24, 26	



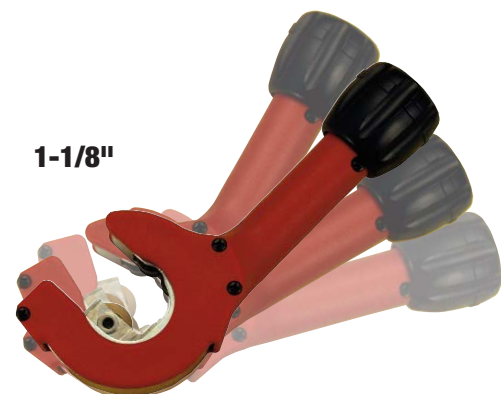
133

E-Z™ RATCHET TUBING CUTTER

- Ratcheting action rotates the cutter around the tube allowing a standard size cutter to be used in close quarter applications
- Longer handle requires less effort to rotate cutter reducing hand fatigue
- Wide hardened flared grooved rollers allow true cuts close to flared end tubing to avoid tube replacement in existing installations

- Cuts copper, aluminum, brass, thin wall tubing and stainless steel
- Spare cutting wheel supplied in handle
- Replaceable bearing tool steel cutting wheel, RW121/2

UPC	NO.	CAPACITY	\$12.22 LIST \$24.44
13300 7	133	5/16" to 1-1/8" (8mm - 30mm)	
12023 6	RW121/2	Replacement Wheel (2)	



135

E-Z™ RATCHET II TUBE AND PIPE CUTTER

- Cuts without rotating tool completely around tube or pipe
- Exclusive "One-Hand" operation
- Ratchets in 5° increments while cutting 360° around tube
- Large cutting diameter 1/8" to 1-1/8" (3 - 28mm)

- Cuts copper, brass, aluminum, stainless steel, PVC and thin wall conduit
- Replaceable cutting wheels: RW135/2

UPC	NO.	CAPACITY	\$16.71 LIST \$33.41
01350 7	135	1/8" to 1-1/8" (3mm-28mm)	
01351 4	RW135/2	Replacement Wheel (2)	

FEATURES

RECTANGULAR METAL INSPECTION MIRROR

- Rectangular metal mirror
- Includes plastic protective sheath
- Heavy-duty construction

- ◆ Mirror size: 2" x 3.75"
- ◆ Handle length: 10.75" extends to 26"

UPC	NO.
05562 0	5562

\$6.48
LIST \$12.95



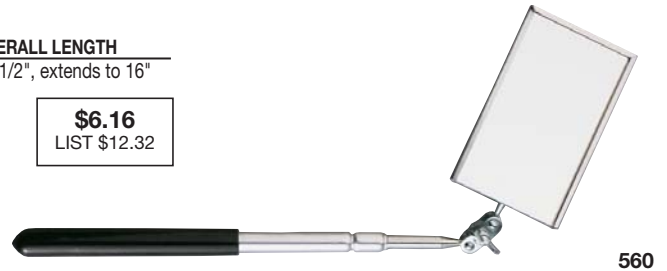
5562

INSPECTION MIRROR

- These mirrors facilitate inspection of inaccessible workpieces and machines by toolmakers, assemblers, inspectors and mechanics
- Fully polished mirrors are enclosed in plated holders which are attached to knurled handles with ball and socket joints
- Has telescoping arm and vinyl cushion grip handle

UPC	NO.	SIZE	OVERALL LENGTH
42473 0	560	3-1/2" x 2" oblong	11-1/2", extends to 16"

\$6.16
LIST \$12.32



560

ROUND GLASS INSPECTION MIRROR

- Adjusts to any angle
- Chrome plated brass handle

- ◆ Round Glass Mirror: 1.25"
- ◆ Handle Length: 5.5" extends to 26"

UPC	NO.
22344 9	70555

\$3.10
LIST \$6.19



70555

ROUND METAL INSPECTION MIRROR

- Round metal mirror
- Includes plastic protective sheath
- Heavy-duty construction

- ◆ Mirror size: 3.75"
- ◆ Handle length: 9.75" extends to 26"

UPC	NO.
05563 7	5563

\$8.37
LIST \$13.95



5563

3-PIECE TELESCOPING INSPECTION SET

Set includes:

- No. 759398 - 10 lb. Telescoping Magnetic Pick-Up
- No. 759570 - 2" x 3" (51mm x 76mm) Rectangular Mirror
- No. 580 "Lite-It" Clip-On Mini Light

- Convenient Ballistic Nylon Storage Holster
- Precision engineered 750 Series Versa-Grip™ handle for maximum performance

UPC	NO.	PKG.
75964 1	75903	Carded

\$19.47
LIST \$38.93



75903

UTILITY TELESCOPING INSPECTION MIRROR

- This mirror facilitate inspection of inaccessible work pieces and machines by toolmakers, assemblers, inspectors and mechanics
- Fully polished mirror is enclosed in plated holders which are attached to handles with a double ball and socket joint

- Double ball and socket joints adjust to any angle
- Has a telescoping arm and vinyl cushion grip handle

UPC	NO.	SIZE	OVERALL LENGTH
22347 0	70557	2-1/4" dia.	9-3/4" extends to 14-3/4"

\$2.88
LIST \$5.76



70557

OVAL GLASS INSPECTION MIRROR

- Adjusts to any angle
- Chrome plated brass handle

- ◆ Oval Glass Mirror: 3.75"
- ◆ Handle Length: 9.75" extends to 26"

UPC	NO.
70025 9	M558

\$4.65
LIST \$9.29



M558

FEATURES



6-IN-1 FLIP DRIVER

- High-quality precision screwdriver for mechanics, technicians, hobbyists and do-it-yourselfers
- 2 double-ended blades, 3/16" x No. 1, 1/4" x No. 2 Phillips are held in a reversible carrier
- Change blade sizes instantly

- Carrier doubles as a 1/4" and 5/16" Nut Driver that snugly fits in handle
- Precision engineered 800 Series Versa-Grip™ handle for maximum performance

UPC	NO.	PKG.	
81021 2	84101	Carded	\$5.41 LIST \$10.97



580

"LITE-IT" CLIP-ON MINI LIGHT

- Clips on to anything, anytime, anywhere for instant, direct light
- Light is fastened to a rugged high-impact ABS plastic Alligator Clip with a double ball joint that adjusts to any angle

- 4 Alkaline, "LR41", batteries with a battery life of 48 continuous hours
- LED bulb has a life of 100,000 hours of continuous use

UPC	NO.	PKG.	
58001 6	580	Carded	\$4.98 LIST \$9.95



ULTRATECH™ GLASS MAGNIFIER

- Polished optical glass lens with a metal frame
- Versa-Grip™ Handle with non-slip cushion grip
- Full range of sizes from 2" (50mm) to 4-1/2" (115mm)
- Round lens is distortion free
- A powerful magnifier for working in confined or obstructed spaces
- Designed for demanding jobs in laboratory quality control, inspection and assembly functions
- Used by engineers, mechanics, inspectors, lab technicians, toolmakers, instrument assemblers, jewelers, do-it-yourselfers, hobby and crafts people



UPC	NO.	DIAMETER	POWER	FOCAL LENGTH
50541 5	750541	2-1/2" (65mm)	1.6	6"

750541 **\$4.98**
LIST \$9.96

TELESCOPING MINI LIGHT & MINI LIGHT WITH MAGNETIC PICK-UP

- Mini Light and Mini Light with 2 lb. Neodymium Magnetic pick-up are both fastened to a stainless steel telescoping wand molded into a rugged high-impact ABS plastic handle
- Both telescope from 7-3/4" – 28-3/4" (197 – 720mm)
- 4 Alkaline, "LR41", batteries with a battery life of 48 continuous hours

- LED bulb has a life of 100,000 hours of continuous use
- No. 759582 has a 2 lb. smooth surface pull capacity Neodymium donut magnet
- Precision engineered 750 Series Versa-Grip™ handle for maximum performance



759582

UPC	NO.	PKG.	
75967 2	759582	Carded	\$10.83 LIST \$21.65

TELESCOPING BALL JOINTED MAGNETIC PICK-UP

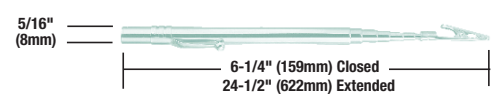
- Stainless steel shaft
- Double ball joint neck permits infinite angle adjustments

- ♦ Wand extends from 6-1/2" to 27" (165 – 686mm)
- ♦ Powerful Neodymium magnet with 10 lb. (4.54 kg.) smooth surface pull capacity



759398

UPC	NO.	
75939 9	759398	\$7.29 LIST \$14.57



400

TELESCOPING ALLIGATOR CLIP

- Ideal for lighting pilot lights and barbecues
- Jaw capacity: .170" (4.30mm)
- Chrome finish to prevent rust
- Convenient pocket-clip

UPC	NO.	
42217 0	400	\$2.99 LIST \$6.57

FEATURES

LIGHTED TWEEZER

Now, put the light exactly where you need it!

- Push ON / Push OFF powerful LED light
- Non-slip comfort grip
- Heat treated steel
- Corrosion resistant non-glare black finish

- Includes: 3 "LR41" batteries
- Tweezer is approximately 6.25" (159mm) long

UPC	NO.	
26005 5	70403	Serrated Blunt Tip

\$4.98
LIST \$9.96



70403



LIGHTED MECHANICAL PICK-UP

- Retrieve items from dark/hard-to-reach places
- Push On Powerful LED light
- Continued push opens retrieval claw
- Comfortable ergonomically designed hand controls
- Flexible shaft

- Strong spring steel retrieval claw
- Includes: 3 "LR41" batteries

UPC	NO.	
26003 1	70396	24" OAL

\$5.98
LIST \$11.96



70396

**4-PIECE INTERCHANGEABLE
STAINLESS STEEL PROBE SET**

- For probing, cleaning, picking, or marking small work surfaces
- Set Includes: • 4 heat treated stainless steel point configurations:
 - Straight • 180° Hook
 - 35° Bend • 90° Bend
- Precision locking screw chuck holds blades securely in place
- Each blade is 5" long (127mm); OAL 8-1/2" (216mm) with handle
- Precision engineered 700 Series Versa-Grip™ handle for maximum performance

UPC	NO.	PKG.
70786 4	707862	Holster/Carded



\$6.51
LIST \$13.01



707862

GENERAL®

HVAC/R Accessories



BTGUK2



TG87FR



T100P



EC4031R

MODEL	KEY DESCRIPTION	PACK	COST	LIST
THERMOSTAT GUARDS, THERMOSTATS AND TRANSFORMERS				
BEKO STYLE GUARDS				
BTG54VLW	* MEDIUM HINGED METAL W/ RING BASE	24	10.98	21.99
BTGEK	* SMALL SQUARE CLEAR PLASTIC W/ SOLID BASE FOR T87F & SUB BASE	24	5.99	14.99
BTGK	* MEDIUM SQUARE CLEAR W/ SOLID & RING BASE	24	6.25	14.99
BTGRK	* MEDIUM RECTANGULAR CLEAR W/ SOLID & RING BASE	24	6.25	14.99
BTGUK2	* UNIVERSAL JUMBO CLEAR W/ SOLID & RING BASE	24	7.99	15.99
BTGUWM	* UNIVERSAL JUMBO METAL W/ RING BASE	24	11.98	23.95
F336	* KEY FOR ALL "BEKO" STYLE GUARDS	24	1.00	1.99
THERMOLOCK GUARDS				
R8C	* MEDIUM RECTANGULAR METAL GUARD W/ SEE THRU WINDOW	24	11.97	19.99
TG87FR	* SMALL ROUND METAL GUARD FOR T87F W/ SEE THRU WINDOW	24	8.50	16.99
TG87FS	XX SMALL SQUARE METAL GUARD FOR T87F W/ SEE THRU WINDOW	24	8.50	16.99
TLLS	* KEY & LOCK SET FOR ALL THERMOLOCK GUARDS	24	4.87	6.95
TRANSFORMERS (PRI = PRIMARY, SEC = SECONDARY)				
T1000	* 120,208,240,480 PRI >24V SEC, FOOT MOUNT, FUSED, WIRE SECONDARY, 100 VA	12	34.77	57.95
T1000CB	* 120,208,240,480 PRI >24V SEC, FOOT MOUNT, W/ CIRCUIT BREAKER, WIRE SECONDARY, 100 VA	12	34.77	57.95
T100E	* 120V PRI >24V SEC, 3 WAY MOUNT (PLATE, CONDUIT, FOOT) UL RECOG, SCREW TERM SECONDARY (40VA)	18	6.98	12.50
T100P	* 120V PRI >24V SEC, 3 WAY MOUNT (PLATE, CONDUIT, FOOT) UL RECOG, PLATE MOUNT, (40VA)	18	6.98	11.98
T123MV	* 120,208,240 PRI >24V SEC, 3WAY MOUNT (PLATE, CONDUIT, FOOT, UL RECOG, SCREW TERM SEC. (40VA)	18	8.98	14.99
T500	* 120,208,240 PRI >24V SEC 3 WAY MOUNT UL RECOGNIZED SCREW TERMINAL SECONDARY (50VA)	18	9.98	18.95
T750	* 120,208,240,480 PRI >24V SEC FOOT MOUNT, FUSED WIRE SEC. (75VA) UL RECOGNIZED	12	17.98	34.95
T750CB	* 120,208,240,480 PRI >24V SEC FOOT MOUNT, W/ CIRCUIT BREAKER, WIRE SEC (75VA) UL RECOG	12	17.98	34.95
TR123	* 120,208,240 PRIMARY >24V SECONDARY FOOT MOUNT UL RECOGNIZED (40VA)	30	5.99	9.95
TR402	* 120,208,240 PRI >24V, 12.2.5V SEC, 3 WAY MOUNT, UL RECOGNIZED, WIRE TERM SEC (48VA)	18	9.00	17.99
TR403	* 120V PRI >24V SEC, 3 WAY MOUNT (PLATE, CONDUIT, FOOT) UL RECOGNIZED, WIRE SECONDARY (40VA)	18	6.78	11.98
ENCLOSURES				
AHK425A	* 30/40 AMP CONTACTOR ENCLOSURE	12	11.97	19.95
EC4031R	* GENERAL PURPOSE RELAY AND PB RELAY CAN	24	6.99	11.95

KEY: * = NEW ITEM XX = DISCONTINUED AFTER SUPPLY IS DEPLETED



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