

VPC300 Certified Video Particle Counter with built-in Camera



Use the included Windows® compatible software to generate reports with videos, photos, and data points.



www.extech.com/video

Unique built-in camera for capturing videos and photos that are stored onto internal memory or a microSD card (not included)

- Simultaneously measure and display 6 channels of particle sizes (down to 0.3 µm), Air Temperature, Humidity, Dew Point and Wet Bulb
- 2.8" TFT Color LCD display
- Built-in 320x240-pixel camera takes videos (3 GP) and photo images (JPEG) and records them in internal 74 MB memory
- Internal memory stores 5000 records (date, time, counts, humidity, temperature, sample volumes, and location label) and 20 minutes of video
- Selectable sample time, count data, and programmable delay
- MAX, MIN, DIF, AVG record, Date/time setup controls
- Auto Power Off
- Language selection: English, French, German, Spanish
- Meter is calibrated traceable to NIST
- Tripod mount for continuous recording
- Mini-USB port connection
- microSD card slot in battery compartment (card not included; max size 8 GB)
- 2-year warranty
- Complete with NIST-traceable calibration certificate, Universal AC Adapter/Charger with multiple plugs, USB cable, PC software, tripod, filter, 7.4 V NiMH battery, and hard case

SPECIFICATIONS

Particle Size Channels	0.3, 0.5, 1.0, 2.5, 5.0, 10 µm
Flow Rate	0.1 ft³ (2.83 L/min) controlled by internal pump
Count Modes	Cumulative, Differential, Concentration
Counting Efficiency	50% @ 0.3 µm; 100% for particles > 0.45
Coincidence Loss	5% @ 2,000,000 particles per ft³
Air Temperature	-14 to 140°F (-25 to 60°C); Accuracy: ±2°F/1°C
Relative Humidity	0 to 100% RH; Accuracy: ±3% RH (40% to 60% RH)
Dew Point/ Wet Bulb	32 to 122°F (0 to 50°C)
Dimensions/Weight	9.4x 3x2.2" (240x75x57 mm)/1.26 lbs (570 g)

ORDERING (NOTE: Order replacement battery with meter due to dangerous goods shipping restrictions for individual batteries)

VPC300	Video Particle Counter
VPC-BATT	Replacement 7.4 V NiMH battery
VPC-ADPTR	Universal AC Adapter/Charger with multiple plugs (US, EU, UK, AU)

RD300 Refrigerant Leak Detector



User-selectable High/Medium/Low sensitivity levels. Ideal for detecting standard refrigerant leaks from air-conditioning units and cooling systems

- Detects all standard refrigerants using a heated diode sensor
- LED light at probe tip (with on/off switch) for working in dimly lit areas
- LEDs display user-selectable High/Medium/Low levels with sensitivity of 0.25/0.50/0.99 oz per year
- Audible and Visual alert with mute button; Low battery indicator
- Field replaceable sensor (SD300-S)
- Dimensions: 7.2x2.8x1.6" (184x70x40 mm); Weight: 10 oz (280 g)
- 2-year warranty
- Complete with sensor tip and LED light, leak test bottle, 9 V battery, and hard case

ORDERING

RD300	Refrigerant Leakage Detector
RD300-S	Replacement Heated Diode Sensor Tip



RD300-S



RD200 Refrigerant Leak Detector



CE

User-selectable High/Low sensitivity levels. Ideal for detecting standard refrigerant leaks from air-conditioning units and cooling systems

- Detects all standard refrigerants using a heated diode sensor
- User-selectable sensitivity level:
 - Low - 1.05 oz (30 g) per year
 - High - 0.2 oz (6 g) per year
- Multi-colored LED light bar indicates the level of refrigerant leakage detected
- 19.8" (50.2 cm) flexible gooseneck retains its shape and provides easy access in difficult to reach locations
- Audible and Visual alert
- Low battery indicator
- Convenient field replaceable sensor (RD200-S)
- Leak Test Bottle included for a quick and easy self test on meter performance
- Dims: Meter - 7.3x2.8x1.4" (185x72x35 mm); Sensor with Gooseneck - 20.5" (520 mm) long, Probe Diameter - 0.32" (8 mm); Weight: 12 oz (340 g)
- 2-year warranty
- Complete with sensor (installed), leak test bottle, 9 V battery, and hard carrying case

ORDERING

RD200	Refrigerant Leak Detector
RD200-S	Replacement Refrigerant Leak Sensor

EZ40 EzFlex™ Combustible Gas Leak Detector



Watch the
Video
www.extech.com/video

CE

Quickly identifies and pinpoints gas leaks

- 16" (406 mm) gooseneck for easy access into hard to reach locations
- High sensitivity
- One hand operation with thumb controlled sensitivity adjustment, to eliminate background gas levels
- Visible and audible alarm at 10% (LEL) Lower Explosive Limit for methane
- Locate the smallest leaks
- Complete with 3 "C" batteries; 2-year warranty

SPECIFICATIONS

Pump driven field calibration range	10 ppm
Sensor type	Solid State
Alarm	Visible and Audible @ 10% LEL for Methane
Warm-up	Approx. 1 minute
Response Time	< 2 seconds (up to 40% LEL)
Duty Cycle	Intermittent
Battery life	8 hours continuous use typical
Dimensions/Weight	8.7x2.83x1.8" (221x72x46 mm)/18.4 oz (520 g)

ORDERING

EZ40	EzFlex™ Combustible Gas Leak Detector
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FG100 Combustible Gas Leak Detector



CE

Fast response detection of flammable gas leakage

- Detects flammable gases: LNG - Liquefied Natural Gas (1000 to 6500 ppm) and LPG - Liquefied Propane Gas (500 to 6500 ppm)
- Highly sensitive detection circuitry with audible and visual alarm
- LED indicators for gas leakage and static discharge
- Continuous operation up to 4 hours
- Dimensions/Weight: 6.5x0.8" (164x21 mm)/0.9 oz (25 g)
- Complete with pocket clip and two AAA batteries; 2-year warranty

ORDERING

FG100	Combustible Gas Leak Detector
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