



Panther Competitor Comparison Chart

Version 1 - March 2026



Panther



21-080



D-TEK 3



Multi-Gas CrossLab Sniffer



LD249

Product Name	Panther	21-080	D-TEK 3	Multi-Gas CrossLab Sniffer	LD249
Sensitivity (Helium)	5 x 10 ⁻⁶ cc/s	1 x 10 ⁻⁵ cc/s	5 ppm	5 x 10 ⁻⁵ cc/sec	cc/sec (8.3 x 10 ⁻⁶ cc/sec)
Available Measurement Units	mL/sec, cc/sec, g/yr, ppm, mg/m ³ , %Vol	cc/sec, ft ³ /yr	g/yr, ppm	cc/sec, mbar·L/sec	mL/min
Sensor Technology	Micro thermal conductivity detector (MTCD)	Thermal conductivity cell (TCD) with thermistors	Infrared	Thermal conductivity detector (TCD)	Thermal conductivity detector (TCD)
Available Sensitivity Settings	Low, medium, high	Low, high	Super, high, medium, low	-	Standard, high
Response Time (T90)	1 second	3 seconds	<1 second	<2 seconds	-
Sampling Method	Internal pump	Diaphragm-type pump	Internal pump	-	Internal pump
Data Logging	10 days continuous	-	-	-	-
Operating Temperature	0° C to 50 °C	21 °C ± 11 °C	-20 °C to 50 °C	0 °C to 45 °C (non-condensing)	10 °C to 40 °C
Power Supply	Rechargeable Li-ion battery	3 rechargeable Ni-MH – 1.2 V, 1900 mAh, 1.9 Ah	Rechargeable Li-ion battery	3 AA batteries (alkaline) or USB power	3 AA batteries (alkaline) or USB power supply
Battery Life	20 hours	20 hours (approx.)	9-10 hours (approx.)	-	-
Factory Calibrated	Yes	No	No	No	Yes
Size	320 x 80 x 55 mm (approx.)	104 x 76 x 190 mm	222 x 50 x 300 mm	48 x 201 x 88 mm	52 x 48 x 170 mm (excluding protrusions)
Weight	447 g (approx.)	520 g (1.2 lbs)	440 g	420 g	250g (approx. excluding batteries)
Warranty	1 year (standard), 2 years (extended)*	1 year	2 years	1 year	1 year