



**Non-contact Inlet with  
Torch & Laser**

When hold close to the mouth of a subject, air inlet will take the breath sample from subjects automatically.



**Made in UK, Sensor**

LCD Screen displays alcohol testing results.  
Fast and Accurate alcohol testing performance.



**USB Connection**

Store up to 20,000 test results. Can be downloaded to PC software for review.

**Multiple Functions in One: Cheetah-K1**

Cheetah-K1 is the enhanced alcohol tester model for quick check with multiple functions. Integrated with torch, flashing lights, whistle, infrared laser and window breaking function, K1 alcohol tester is a good choice for road traffic enforcement.



**Safety Hammer for window breaking**

Anti-Slip grip with Soft material on handle  
The bottom end of K1 is also a Safety hammer for window breaking in case of emergency.

**No Need of any pipe or blowing, simply keep device near the mouth, sample will be pulled via In-Built Pump**



# Multi-Function Non-Contact Breath Analyzer Cheetah-K1

## Product Features

- ◆ UK made Electrochemical/Fuel cell sensor with high reliability for quick and precise analysis;
- ◆ Rapid and convenient, do not need mouthpieces;
- ◆ With Traffic baton and flashlight illumination function;
- ◆ With window breaking function, in case of emergency, the bottom part of K1 can break 10mm thickness window glass in 1 second;
- ◆ Equipped with gravity sensor to turn on the flashing warning lights by waving the device without pressing any button;
- ◆ With laser infrared light for precise command during night;
- ◆ Large memory capacity, about 60,000 test results can be recorded and uploaded to PC.

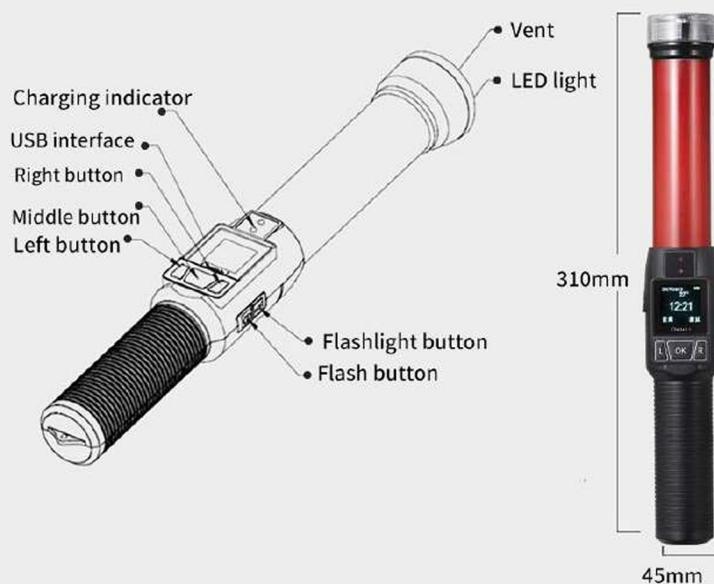
## Technical Data

Details	Technical Data
Principle of Measurement	Electrochemical Sensor, alcohol-specific
Measurement Range	0-100mg/100ml BAC
Test Mode	Quick testing, automatic sampling
Way of Breath Sampling	Motor continuous air extraction, speed no less than 0.8L
Operation Temperature Range	-5° C-45° C
Storage Temperature Range	-30° C-70° C
Measuring Time	Adjustable (Minimum time: 1 second)
Working Pressure	600-1400hPa
Working Humidity	45-85%r.h
Display	LCD screen
Continuous Working Time	More than 8 hours
Torch	LED lighting
Violation Alarm	Vibration Alarm for Alcohol above setpoint detected
Test	Blowing distance 5-6cm
	Test concentration (mg/100ml)
Item	20      40      150
Measuring Range	20-40      40-65      >100
Analyzing Time	<5s
Clearing Time	<10s



## PRODUCT PARAMETERS

### CHEETAH-1



Project	Indicators and parameters		
Scope	0~80mg/100ml BAC(Blood alcohol concentration)		
Sensitivity	Distance between instrument and mouth	Alcohol concentration	Result (mg/100mL)
	7—8cm	20	Greater than 8
Return to zero	Distance between instrument and mouth	Alcohol concentration	Result (mg/100mL)
	7—8cm	150	$t \leq 15s$
Sensor type	Electrochemical fuel cell type alcohol sensor.		
Water-proof	The buttons and USB ports are waterproof.		
Pumping mode	Micro motor pumping.		
Range of working temperature	$0^{\circ}\text{C} \sim 45^{\circ}\text{C}$		
Storage temperature range	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$		
Voice function	Intelligent voice function.		
Environmental capacity	600~1400HPA		
Ambient temperature	20~98%R.H.		
Display	Color OLED screen (1.7 inch)		
Tip light	The alcohol concentration exceeds the preset setting prompts the flashing prompt.		
Motor prompt	The alcohol concentration exceeds the preset setting to give a vibrating alert.		
Data storage	It can store up to 80,000 test records and back up to the backend computer system.		
Measure time	Work continuously for more than 8 hours.		
Flashlight	Two 3W lights.		
Measurement result	The result is 3 seconds at room temperature.		
Battery	Built-in 3000MAH/3.7V lithium-ion battery.		
Size	Length 310MM* diameter 45MM.		
Weight	300g		

