



THADHANI[®]
The Experts in Safety... Since 1947

Multi-Function Non-Contact Breach Analyzer Cheetah-K1



Traffic Baton Function

With flashing LED lights on the body of Cheetah-K1, it can work like a traffic baton.



USB Connection

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



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.



Non-contact Inlet with Torch & Laser

When held 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.



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.



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 Breah Analyzer Cheetah-K1

Produt 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 upload 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 extration, 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		
Vibration 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		



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Chennai - 600001, Tamilnadu, India.



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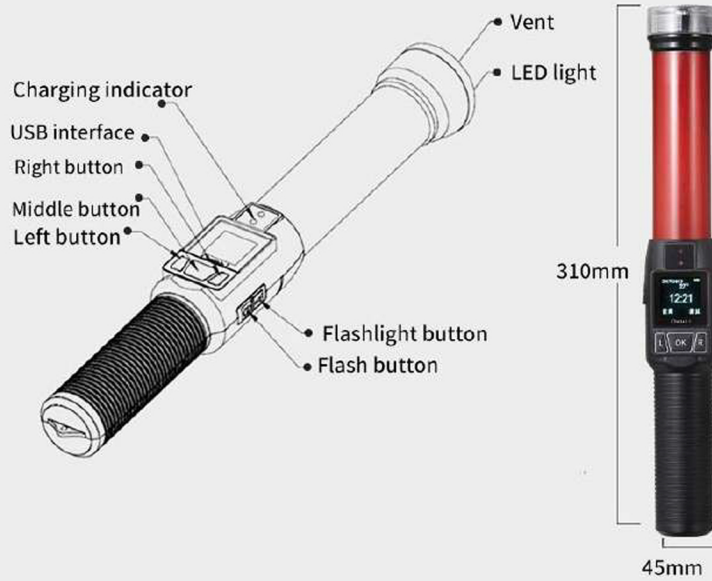
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PRODUCT PARAMETERS

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≤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°C~45°C		
Storage temperature range	-20°C~70°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		



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