



**KT Automation Pvt. Ltd.**  
*Making India Safer, Securer & Automated*



### Alcohol Breath Tester Model AlcoPatrol PT100S

Technical Specification	
Parameter	Specification
Measurement Range	0mg/100mL~ 400mg/100mL(BAC)
Sensitivity	0.5mg/100mL BAC
Measurement Unit	mg/L(BrAC)、 mg/100mL(BAC)Optional
Sensor	High-precision intelligent semiconductor sensor
Display	1.4-inch LCD color display screen; green color indicates sobriety, accompanied by a voice prompt: "Thank you for your cooperation."
	When alcohol is detected, the display turns red, accompanied by a voice alert: "You have been drinking."
Measurement Accuracy	When the standard gas concentration is 50mg/100mL BAC:
	When the blowing distance is less than 5cm: $\pm 5.0$ mg/100mL
	When the blowing distance is between 5~10cm: $\pm 6.0$ mg/100mL
	When the blowing distance is greater than 10cm: $\pm 10.0$ mg/100mL
Measurement Time	5 Seconds
Operating Environmental Conditions Required	Operating Temperature Range: 0~50°C
	Environmental Humidity: 20~98%
	Storage Temperature: -20~70°
	Atmospheric Pressure: 600~1400hPa
Battery	1800mAh, capable of conducting over 1000 consecutive alcohol tests (5V1A charging IC)
Power Consumption	During alcohol testing: <50mA
Power Saving Mode	The device automatically shuts down after 5 minutes in alcohol testing mode.
Data	1000 Memory, Measurement records are saved locally and can be exported to a computer via USB.
Size	Length * Diameter: 120mm * 50mm
Weight	75 g (including the battery)