

## PORTABLE GAS ANALYZER

### HIGHLY RELIABLE, ACCURATE, AND QUICK PERSONAL BREATH ALCOHOL ANALYZER



- LED Display for Exact Accuracy**
- 3 Seconds Test Time**
- Semi-conductor fuel cell Sensor**
- Fast Warm up 20 seconds**
- Self Calibration**
- Battery Operated**

**CA 2000**

## PERSONAL ALCOHOL MONITOR

### MODEL NO. CA 2000

The personal Alcohol Monitor CA-2000 determines your breath alcohol content (BrAC). Simply by blowing into the digital alcohol breath tester breath sample is automatically collected and your breath alcohol concentration is displayed in seconds. The instrument displays your breath alcohol concentration (BrAC) within the range of 0.00% to 0.40% BrAC. The LED screen lights for easy reading at night and warns you with beeps and on screen display when your (BAC) test a positive. The compact lightweight handheld device runs on one 9V battery (included) packaged with five mouthpiece has its own sleek leather carrying case & comes with a One year warranty.

**1% Blood Alcohol Concentration (BAC) = 43.75 mg/100ml Breath Alcohol Concentration (BrAC)**

Percent BAC	Stage	Clinical Symptoms
0.01 - 0.05	Subclinical	Behavior nearly normal by ordinary observation
0.03 - 0.12	Euphoria	Mild euphoria, sociability, talkativeness Increased Self confidence decreased inhibitions. Diminution of attention, judgement and control. Beginning of sensory motor impairment Loss of Efficiency in finer performance tests.
0.9 - 0.25	Excitement	Emotional instability; Loss of critical judgement Impairment of perception, memory and comprehension Decreased sensory response; increased reaction time Reduce visual acuity; peripheral vision and glare recovery Sensory-motor in coordination; impair balance Drowsiness.
0.18 - 0.30	Confusion	Disorientation, mental confusion; dizziness. Exaggerated emotional States. Disturbances of vision and of perception of color, form, motion and dimensions Increased Pain threshold. Increased muscular in coordination; staggering gait, slurred speech Apathy lethargy.
0.25 - 0.40	Stupor	General inertia; approaching loss of motor function Marked decreased response to stimuli Marked muscular in co-ordination; inability to stand or walk Vomiting; incontinence Impaired Consciousness; sleep or stupor
0.35 - 0.50	Coma	Complete unconsciousness Depressed or abolished reflexes Subnormal body temperature. Incontinence Impairment of Circulation and respiration Possible death.

## SPECIFICATIONS

Size	: 120 x 60 x x25 mm
Weight	: 200 gms
Housing	: Shock resistant, Molded plastic
Sensor	: Highly selective semi-conductive oxide alcohol sensor
Response Time	: 3 seconds
Warm-up Time	: 20 seconds
Recovery Time	: 30 seconds (sensor purge)
Accuracy	: $\pm 0.01\%$ at 0.10% BAC $\pm 0.05\text{mg/ltr}$ at 0.50 mg/ltr BrAC
Detection Range	: 0.00 ~ 0.40%BAC 0.00 ~ 2.00 mg/ltr BrAC
Digital Display	: Three digits in numeric readout
Accessories	: Tester, 9V alkaline, 5 pcs of mouthpieces, User's Manual, Carrying case, Warranty 1year

*Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.*  
@ 2018



## ENDEE ENGINEERS PVT. LTD.

**Office & Works :** D/122, Ansa Industrial Estate, Saki-Vihar Road, Saki-Naka, Andheri (E),  
Mumbai - 400 072, Maharashtra, India. | Tel.: +91-22-4295 2180 / 81  
Email : sales@endee-engineers.com  
Website : www.endee-engineers.com