

Evidential breathalyzer

CDP 9000

Dimensions:
Pack dimensions: 320 x 240 x 110 mm
Product dimensions: 185 x 75 x 30 mm

Weight:
Pack weight: 1940 gr
Product weight: 400 gr



Equipped with a European-manufactured electrochemical sensor formatted with a porous disc coated with 2 sheets of high density platinum on both sides, guaranteeing that the alcohol will come into contact with the surface cell for optimal chemical decomposition. For each molecule of alcohol that decomposes, a large number of electrons are released during the process. The number of electrons generated will be directly proportional to the level of alcohol in the sample.

General characteristics:

- Resistant color touch screen 3,5" (320 x 480) TFT LCD.
- Accurate and fast analysis: guarantees high sensitivity in an accurate and stable form.
- Available data download software using a USB to a PC.
- Mouthpiece with anti-return valve with assisted expulsion mechanism that does not need to be handled by the user.
- Power source: rechargeable battery AA (2500 mAh).
- Continuous operation autonomy of over 20 hours under normal operation conditions.
- Automatic camera and sensor warm-up system.
- Breathing flow self-monitoring in graphic form.
- Screen with measurement range: 0 ~ 0.4% BAC or 0 ~ 4.0 ‰ BAC or 0 ~ 2.0 mg/L. Four possible measurement units:
- Mg/L in exhaled air.
- G/L in blood.
- %BAC.
- PPM.
- Adjustable alarm level.
- Storage temperature range in a long term: 0° C to +55° C.
- Humidity: 30% to 90% of relative humidity.
- Operation temperature range: From -20° to +45°, (5° C to +40° C for optimal performance).
- Memories: min. 50,000 partial registrations and up to 18,000 complete registrations:
- Device reference.
- Number of printed report.
- Date.
- Time.
- Environmental temperature.
- Result.
- Device status or mode.
- Person tested.
- Vehicle license plate.
- Postal address.
- Signature of the person tested.
- Police reference (badge number).
- This information may be customized for large projects.

Technical specifications:

- Sensor type: electrochemical sensor (Fuel Sensor).
- Accuracy: $<0.400 \pm 0.020$ mg/L // $0.400 - 1.000 \pm 5\%$ // $1.000 - 2.000 \pm 20\%$
- Measurement range: 0.000 ~ 2.000 mg/L (0 ~ 440 mg/100mL up to 2.50 mg/L).
- Standard deviation: 0.006 mg/L. (deviation: normally $<0.6\%$ of the measurement value / month.
- Alarm level: adjustable in a wide interval of 0.200 - 0.600 mg/L.
- Blowing time: 3.5 sec., adjustable.
- Response time: < 10 sec.
- Operating temperature: -30°C - 60°C.
- Storage temperature: -30°C - 80°C.
- Relative humidity: from 20 to 90%.
- Atmospheric pressure: from 700 to 1300 hPa.
- LCD screen: resistant touch screen (3.5" (320 x 480) TFT LCD).
- Size: 185mm x 75mm x 30mm (including printer).
- Weight: 400 grams.
- CEM-PT0032 Certification.
- Certificate GB / T 21,254 a 2,007; CE.
- Compatible S & E, AS, NF, DOT, OIML 126.

Includes:

- CDP 9000 Evidential Police Breathalyzer.
- 15 Mouthpieces Evidential Police Breathalyzer.
- Accessories protector case.
- Thermal printer.
- USB cable for PC Data Download.
- Protective leather case with fastening belt.
- Battery charger.
- 4 rolls of thermal paper.
- Battery charger for vehicle.
- CD with drivers and software..

