NAM C20

armas
ELEKTRONİK

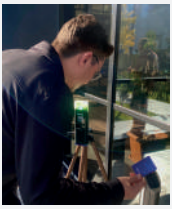
Contact-Free and Rapid Breath Alcohol Tester

ARMAS introduces the series of breath alcohol testers NAM-C20, featuring two models: the NAM-C20 for contactless measurement with a specially designed funnel and the NAM-C20M with a disposable mouthpiece for testing.

The models are equipped with a user-friendly, sunlight-readable color display. Measurement results can be shown in either a qualitative format (icons: tick – no alcohol, exclamation mark – critical alcohol level (if set), cross mark – alcohol) or a quantitative format (measured value with the preset unit and corresponding icon) based on the selected menu settings. Additionally, the NAM-C20 features multiple LEDs, ensuring results are easily visible from a distance or via a security camera.

The devices are specifically designed for alcohol detection in environments where rapid testing is required, including construction sites, mining facilities, factories, stadiums, driver assembly points, as well as hotels, restaurants, and areas requiring occupational health and safety compliance.

Furthermore, breath alcohol testers serve as an effective tool for security forces conducting preliminary field assessments. With a capacity to perform up to 14 rapid measurements per minute, the handheld devices ensure high operational efficiency while minimizing consumable material usage, providing a cost-effective solution.



Suitable for Versatile Applications and Conditions

The NAM-C20 series alcohol measurement system features multiple testing modes: **Automatic** mode for individuals who can blow, **Passive** mode for environmental testing, and **Manual** mode for those unable to blow sufficiently. Furthermore, individuals who refuse to take the test can be logged using the **Test Refusal** mode.

The NAM-C20 series breath alcohol tester features a mounting area on the back that allows the use of a ¼-inch selfie stick, providing the opportunity to extend the device to the driver in vehicles such as trucks and large vehicles, facilitating the testing process.. The models function with alkaline batteries, with the option to select a rechargeable li-ion battery upon request.

The computer data software enables the transfer of measurement results from the handheld device to a PC. Additionally, the NAM-C20M model is available with an optional thermal Bluetooth printer for result reporting.

NAM-C20

The contact-free funnel of the NAM-C20 breathalyzer features a special design that enables both automatic and passive measurements by detecting exhalations from a certain distance. The funnel prevents residues from reaching the device's alcohol sensor, thereby extending the sensor's lifespan. Its unique airflow channel design ensures that the exhaled breath of the person being tested does not flow back towards their face, eliminating the risk of infection among users and ensuring a hygienic and safe breath alcohol testing process.

The NAM-C20 series breathalyzer not only displays the measurement result with lights in different colors but also can emit warning lights in roadside applications to alert drivers in case of a potential hazard. The warning lights can be set to different colors and can flash or remain steady, depending on the situation.

The model NAM-C20 features the capability to emit lights in various colors to display measurement results. Additionally, the device serves as a warning signal in roadside applications to alert drivers. The warning lights can be customized to different colors and set to either a steady or flashing mode based on the specific situation.

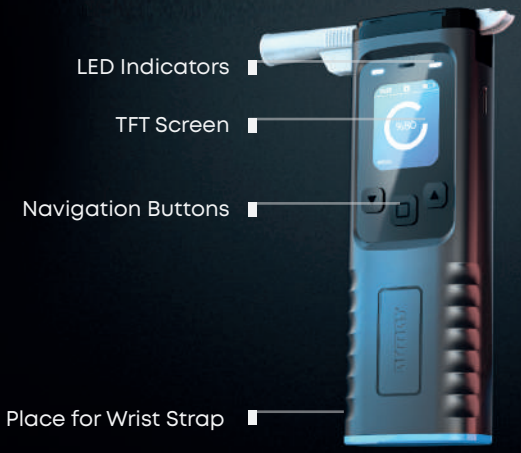
Emergency (Police): Red-Blue Warning Mode
Emergency: Yellow Flashing Warning Mode
Safe: Steady Green Warning Mode
Information/Instruction: Blue Warning Mode
General Information: Steady White Warning Mode

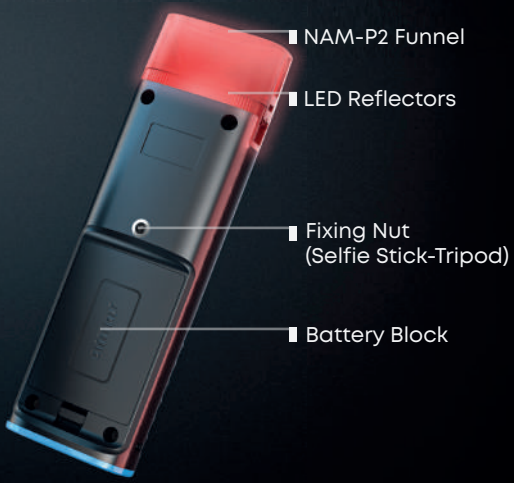
NAM-C20M

The model NAM-C20M features a portable, handheld design for effortless use. In addition to displaying real-time measurement results, the product offers the option to generate instant reports via an optional Bluetooth printer. Additionally, users can conveniently print stored data from the device's memory at a later time.

Designed as a preliminary screening breathalyzer, the NAM-C20M becomes operational within seconds and allows for rapid, consecutive measurements. The specially designed, hygienically packaged, single-use mouthpiece ensures maximum user health and safety. The contact-free funnel can also be attached and effectively used for alcohol level measurement in all testing modes.

CALIBRATION	MEMORY	SCREEN	DATA TRANSFER	SENSOR	WORKING TEMPERATURE	PRINTER	START UP TIME	WIRELESS COMMUNICATION
Gas or Vapor (Bath)	7500-35000	Color TFT	Transfer to PC	Electrochemical Fuel Cell	-10°C to +50°C	Thermal Bluetooth (Optional)	Less than 2.5 seconds	Bluetoot (optional) for Printer





armas ELEKTRONİK