

NAM-E30

Breath Alcohol Tester



High Accuracy

The portable NAM-E30 Alcoholmeter with New Generation ARMAS fuel-cell sensor technology, with its technology that is suitable for police roadside inspections and professional sectors, detects breath alcohol and prevents erroneous analysis, gives high accuracy measurement results accepted as valid and evidence by courts.

Technologic and Modern Design

The NAM-E30 has an easy-to-use, sun-readable and shock-resistant color touchscreen display. It has an built-in printer that the measurement result is printed. With the optional camera feature, the face of the person being tested can be photographed and with the QR code/barcode reader feature, automatic identification information is entered into the device. With the GPS feature, the location of the tested place can be determined and wireless communication can be provided with GPRS/Wi-Fi and Bluetooth units. All functions can be performed with the navigation key on the side of the device and quick use keys. Except for the wrist strap, the handle belt on the back of the device eliminates the risk of the device falling. The NAM-E30 is an unrivaled alcoholmeter that not only has a modern and ergonomic design, but also incorporates high-tech features.

Safe Measurement

Optional camera with high resolution and suitable for night use provides measurement security with the image recording it takes during blowing. With the optional QR code/barcode reading unit positioned on the back, it reads the identity information with great precision. The device automatically saves to its memory, thus eliminating the risk of the user entering an incorrect record.

Wide Measurement Modes

NAM-E30 has Automatic, Manual and Passive measurement modes. With the automatic measurement mode, people who can blow enough can be tested. With the manual and passive measurement modes, the patient and unconscious people who cannot breathe adequately are offered the opportunity to measure. For the people who does not want to be tested, there is rejection mode





Complementary Parts



Reporting the Measurement Result

The measurement results made with the NAM-E30 or the data in the device memory can be converted into a report with the built-in printer on the alcoholmeter.



Transfer of Data to Computer

NAM-E30 establishes a computer connection via a special cable and can transfer the data in it securely thanks to the NAM-DATAPRO. Afterwards, the transferred data can be deleted thanks to this software. There are data loss prevention measures in case of transfer interruption and so data is not lost.



Technical Specifications



SENSOR

Next Generation
Electrochemical
ARMAS Fuel Cell



DEVICE PREPARATION TIME

Less than
6 seconds
after device is
turned on



CALIBRATION

Dry Gas and
Vapor



DISPLAY

3.5 inch sun
readable color
touchscreen



OPERATING TEMPERATURE

- 10 °C to + 50 °C



MEMORY

Stored memory
(Up to
7500-100000
records depending
on data)



PC DATA TRANSFER*

Wired
transmission with
NAM-DATAPRO
software



LOCATION*

GPS



BARCODE / QR CODE*

Automatic
entry of
identity data



PRINTER

Inbuilt
Thermal Printer



WIRELESS COMMUNICATIONS*

GPRS/Wi-Fi/
Bluetooth



CAMERA*

Suitable for
Day/Night Use

(*) Optional

Images are for illustrative purposes. ARMAS reserves the right to change product design, pictures, technical specifications without notice.

General Features

- Broadcasting visual and audible warnings for reverse and insufficient blowing
- Suitable for many sectors with automatic, manual, passive and rejection measurement modes feature
- Identification of the blower by taking a photograph at the time of blowing
- Ensuring automatic entry of identity data with barcode / QR code
- Ability to set many data such as name, surname, ID number, license plate number, gender... of the person to be saved in the memory
- Can be adjusted to all measurement units worldwide
- The blood-breath conversion rate can be adjusted according to the standards of the countries
- Ease of documenting the measurement result with its built-in printer
- The number of report copies can be adjusted
- Reporting the data in the memory to the desired center via Bluetooth, Wifi and GPRS communication
- Hygienic measurement with disposable mouthpiece
- Fast measurement in succession with passive measuring cup and reduced mouthpiece consumption
- Easy to use, even under the sun, with an impact-resistant touchscreen
- Easy one-handed use from the side and navigation in the menus with the one-key navigation feature
- Easy to use with gloves with quick operation and navigation key
- Long-term use with fast-charging Li-ion battery
- Data entry possibility with software keyboard
- Safe carrying with wrist strap
- Determining the measurement location with GPS and saving it to the memory with the measurement record
- User pre-warning before calibration time
- User warning before memory is full
- Evidence of measurement accuracy
- DOT/NHTSA – Class of Evidence, EN 15964, CE, EN 60068-2-6, EN 60068-2-27 Production in accordance with the standards
- Measurement Range : 0.00 – 6.00 ‰

Device and Data Security

- NAM-E30 Alcoholmeter switches to safe measurement position after internal system control and outdoor alcohol control before measurement. The alcoholmeter measurement results are reliably recorded in the device memory along with the device serial number and date-time information as well as other data. The data in the record can be searched and printed from the memory according to some criteria. When it is desired to transfer the data in the device memory to the computer environment reliably with the help of a cable, secure transmission can be made with AES128 bit encrypted with optional wireless communication. The data in the device memory is protected so that it cannot be deleted and tampered with by the user. After making sure that the data on the device is transferred securely, it can be deleted by authorized persons.