

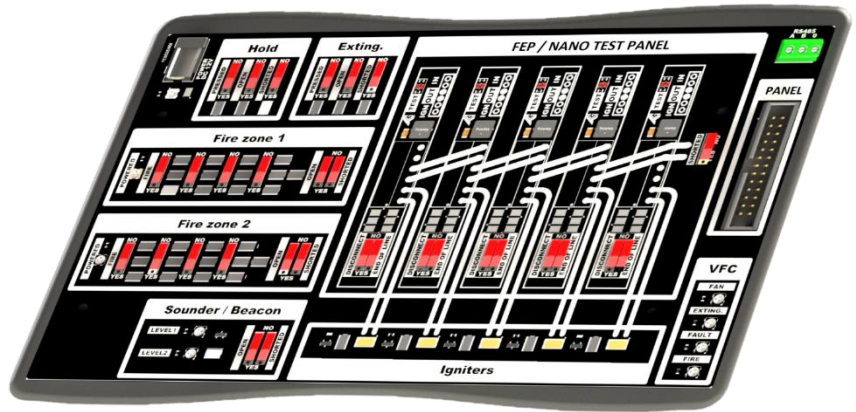
FTM SYSTEM TEST MODULE



The NANO system

The NANO fire alarm and extinguishing control system is specifically developed for an aerosol extinguishing system in relation to our firefighting concept: 'Fire detection & suppression at the source'.

- Versatile
- Compact
- Easy operation
- Easy programming
- Logical system structure
- Fire detection at the source
- Fire suppression at the source
- Input and output monitoring
- FCC, CE, ESD, EMC, DNV, IP66



The NANO system consists of the following:

- NANO Fire & Extinguishing Panel
- ETB Extinguishers Terminal Board
- FTM Extinguishing system Test Module

N2KB BV has developed the FTM, a test module specifically for testing the NANO system. Just as the NANO the FTM is easy to operate and is designed to test the system and/or the programming in a simple manner. By periodically maintaining, checking, and testing the NANO system, the possibility of hidden errors, defects and/or incorrect programming is prevented. This is done by systematically checking the functionality of the NANO and ETB system. Partly to check whether the entered programming and the functions, alarms, controls and alerts function properly, but also to check the system in an easy and reliable manner for any system malfunctions that may be present.

The FTM is supplied with a switch mode power supply of 100-240V~/12V- with a type C electrical plug. The FTM can also be powered via the USB connection or emergency power supply of the NANO itself. Dimensions 205 x 130 x 18 mm w x h x d

The most important key properties of the FTM test module:

Alarm simulation of:

- the four automatic fire detectors fire alarm zone 1
- the four automatic fire detectors fire alarm zone 2
- the external extinguishing release button zone
- the external extinguishing release delay button zone

Simulation of short circuit or cable malfunction monitoring in the:

- fire alarm zone 1
- fire alarm zone 2
- external extinguishing release button zone
- cabling of the external extinguishing release delay button zone
- external sounder/beacon combination
- wiring to the igniters of the aerosol extinguishing generators

Signaling of an activated potential output contact intended for:

- switching off the ventilation/air conditioning
- fire alarm
- faults
- extinguishing release

Signaling of the alarm output for the sounder/beacon combination

Simulation of an igniter malfunction or disconnection in one of the aerosol extinguishers

