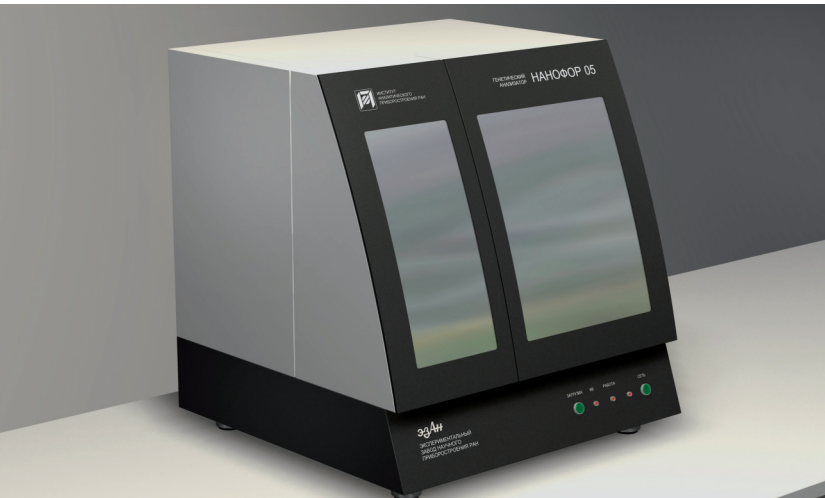


# Genetic analyzer Nanophore® - 05M

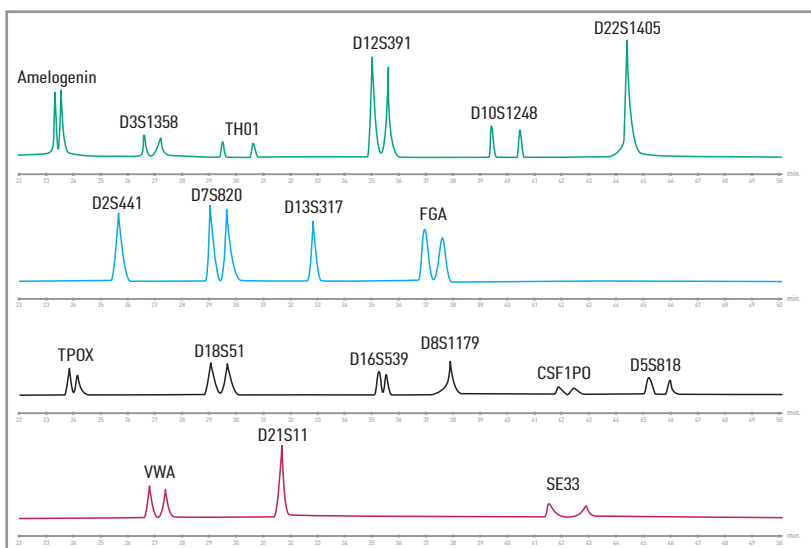


**Nanophore® - 05M** is the automatic system of capillary electrophoresis with 5 colour laser-induced fluorescence detection

## System specifications

Capillaries number	8
Sample plate	96 x 0.2 mL
Detector*	Fluorometric, 5 channels (520, 550, 580, 610 и 670 nm)
Laser	Solid-state, wavelength = 488 nm, power 20 mW, long-life
Electroforesis voltage	Up to 20 kV
Oven	Active capillaries temperature control from 30 to 60 ( $\pm 0.2$ ), °C
Computer requirements	USB, Windows 7, Windows 8
Enviromental conditions	Temperature from 15 to 30 °C, humidity from 20 to 80 %
Main power voltage	190 - 240 V, 50 - 60 Hz
Power	0.3 kW
Weight	60 kg
Dimensions, W x D x H	630x595x680 mm

\* Patent RU Ne 2182329 «Fluorimetric detector» from 10th of May, 2002.



## Nanophore® - 05M system is ready for:

- DNA sequencing
- Forensic analysis
- DNA fragments analysis (genetic certification of animal breeds, plant sorts etc.)

## Nanophore® - 05M supply with::

- Plates, plastics, capillary array etc.
- Kits for forensic analysis COrDIS (Gordiz Co., Russia)
- Molecular weight markers
- Spectral calibrators
- Fluorescently labeled primers
- Universal polymer for DNA sequencing & fragment analysis – PDMA-6
- Electrophoresis buffer
- Kits for DNA sequencing with FRET primers (M13, T7 etc.)

## Warranty – 1 year

**Service: installation, application training, software update, unlimited information support**