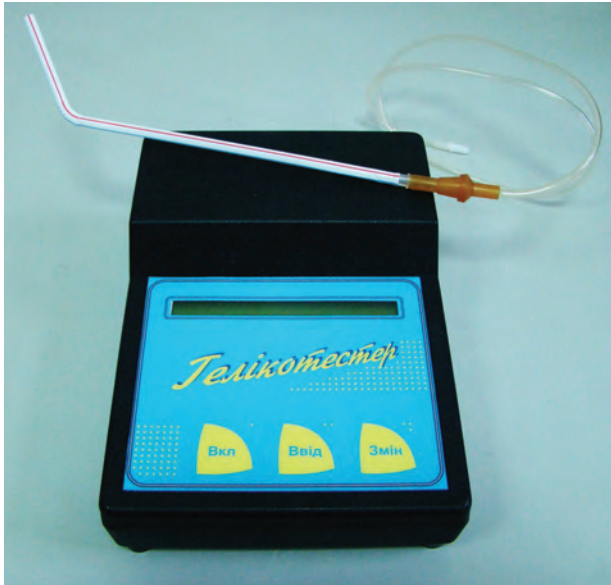


HELICOTESTER DEVICE FOR NONINVASIVE RAPID DIAGNOSTICS OF STOMACH HELICOBACTERIOSIS



Specification

The device consists of a detector based on ammonia sensor, data processing, control, and display systems, and a built-in air pump for air intake. The device detects an increase in ammonia concentration in mouth cavity after administration of carbamide that is a diagnosis parameter depending on the quantity of *Helicobacter pylori* bacteria in stomach. The HELICOTESTER device has been registered by State Service of Ukraine on Drugs

Advantages

There are no analogs in Ukraine. High sensitivity, inexpensive equipment, ease of use; noninvasive and rapid testing; early diagnosis of helicobacteriosis

Areas of Application

HELICOTESTER is designed for noninvasive detection of abnormally high amounts of *Helicobacter pylori* bacteria by direct urease test and for preventive screening of population (including schoolchildren) for stomach helicobacteriosis

Stage of Development. Suggestion for Commercialization

IRL6, TRL7

Manufactured, upon request. Seeking partners for mass production

IPR Protection

IPR1, IPR3

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