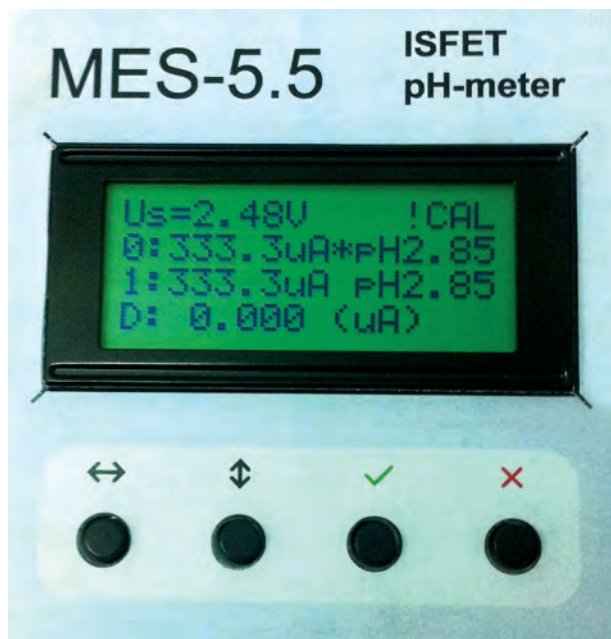


MES-5 DEVICE FOR BIOCHEMICAL ANALYSIS OF AQUEOUS AND PHYSIOLOGICAL SOLUTIONS

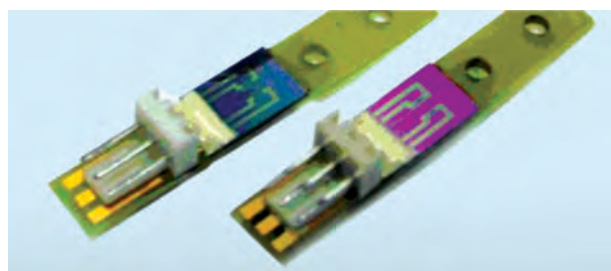


Areas of Application

The device is to be used for rapid analysis of biochemical composition of aqueous solutions and for identification of chemical substances, including the toxic ones, for the purposes of environmental monitoring, food products quality control, and medical diagnostics

Specification

Number of channels	2
Working capacity of cuvette, ml	0.5–5
Single measurement duration, s	0.1
Operating temperature range, °C	0–40
Time needed for biochemical analysis, min	≤15
Serial interface	RS 232
Software platform	Win 9X
Power supply	12 V / 0.2 A



Differential pH-sensitive unified electrodes for the device

Stage of Development. Suggestions for Commercialization

IRL6, TRL6
Manufacture, supply, and maintenance, upon request

Advantages

There are no analogs in Ukraine. The device contains self-diagnostics, control, and indication units; can operate independently as well as with a computer; has quickly replaceable sensitive membranes; can be used for studying the kinetics of biochemical reactions; has a lower cost as compared with international counterparts

IPR Protection

IPR3

Contact Information

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