

PORTABLE DEVICE OF *FLORATEST* FAMILY



Areas of Application

Device is designed for “smart” agriculture, precision farming, commercial horticulture, ecological monitoring, and express-diagnostics of influence of stress factors of natural and anthropogenic origin on the plant’s state. It enables to take timely measures for harvest preservation, water and energy saving and to protect plants from stressful environmental factors

Advantages

There are no counterparts in Ukraine; the device is 2–3 times cheaper than the foreign analogs; it can be customized and upgraded using variable sensors

Specification

Radiation wavelength, nm	450–470
Maximum luminous intensity, mcd	5000
Leaf emission wavelength, nm	670–770
Measurement error, %	≤5
Weight of computer unit, kg	0.5
Weight of portable optical sensor, g	40

Stage of Development.

Suggestions for Commercialization

IRL7, TRL8
Manufacture, delivery, maintenance within the warranty period, and staff training are provided under the license agreement

IPR Protection

IPR3

Contact Information

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