

IRENA PORTABLE ANALYZER

Areas of Application

The device is proposed for measuring the research and the motor octane numbers and evaporation temperature of clear gasoline at oil refineries, gas filling stations, and for individual use

Specification

Octane number measurement range, units	66–98
Discreteness of octane number measurement, units	0.1
Error of octane number measurement, units	±0,5
Operating temperature range, °C	-10...+45
Error of gasoline temperature measurement, °C	+0.5
Time for obtaining the octane number measurement result of 50% gasoline evaporation, s	≥150
Measuring block dimensions, mm	165 × 85 × 40

Advantages

There no foreign counterparts. The device performs a rapid analysis of gasoline quality, saves money and time. Due to modern technologies, the analyzer is small, light and easy to use. Before each measurement the device is self-calibrated for reaching maximum accuracy of results

IPR Protection

IPR1, IPR2



Irena portable analyzer: 1 – measuring sensor; 2 – indicator; 3 – control panel

Stage of Development.

Suggestions for Commercialization

IRL7, TRL6

Upon request, the device is manufactured, delivered, and maintained during the warranty period; also, staff training is provided

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