

Emission Spectrometers (comparison table)



Applications

Accurate analysis of ferrous and non-ferrous metals for all alloying elements and impurities, including sulfur, phosphorus and carbon with the accuracy exceeding the GOST requirements.

Incoming inspection and sorting of ferrous and non-ferrous metals

Analysis of engine and transmission oils for the products of wear of engines and other mechanisms of aircrafts, locomotives, trucks, tractors, etc. for their diagnosing.

Version

Stationary spectrometer. Desktop or floor-standing version, version with additional remote stand, with additional air stand.

Small-sized stationary spectrometer; desktop version.

Stationary spectrometer. Floor-standing version

Spectral range, nm

173-420, with a possibility of installation of the additional channel of sodium 589 nm. Advanced version: 173-840 nm.

178-410

190-420, with the possibility of installation of the additional channel of sodium 589 nm. Advanced version: 173-840

Polychromator

Argon blown

Argon blown

Air

Focal length, mm

500

155

500

Stand	Open structure with argon blowing; the additional remote holder for the analysis of large-size and heavy details and structures is optional.		Specialized stand with rotating disk for lube oil analysis.
The length of the cable of the remote module, m	2,5	–	
Dimensions, mm (length, width, height, including the holder)	810 x 525 x 975 – напольное исполнение, 810 x 525 x 430 – настольное исполнение	625 x 420 x 325	650 x 525 x 1070
Weight, kg	80 – floor-standing version, 50 – desktop version, 1,2 – remote holder.	24	85