

Linear electric arc evaporator LEDI-570D

The device is designed for applying coatings by vacuum arc evaporation. The principle of operation of the device lies in the evaporation of metal in an arc plasma discharge, and the subsequent deposition of the metal (or its compounds) on the substrate.



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Parameter	Value
Coolant	distilled water, 20% ethyl alcohol solution in distilled water
Arc cathode voltage	25-35 V
Chamber working pressure range	0,001-1,3 Pa
Ignition voltage	440-560 V
Linear cathode length	570 mm
Maximum working pressure in the chamber	10 Pa
Minimum coolant consumption	Not less than 5 l / min
Open circuit voltage of the cathode	60-70 V