Plate electrostatic separator EPS

Intended for dry separation of mineral raw materials by electrical properties* (usually for the separation of two non-conductive minerals).

It is used in metallurgy and mining and processing industry, in technological schemes of enrichment of quartz-feldspar raw materials, iron, phosphorite, chromite ores, etc.

Designation	Number of separation zones, pcs.	Working zone width, mm	Fractional compo-sition, mm	Capacity, kg/h**	Overall dimensions, mm	Power consu-mption, kW	Mass, kg
EPS-2-2/60	2	600	-2 +0.04	600	1200x820x1680	0.7	350
EPS-2-2/100		1000		1000	1580x820x1680	0.7	550
EPS-2-2/150		1500		1500	2100x820x1680	0.7	850
EPS-2-2/200		2000		2000	2600x820x1680	0.9	1050
EPS-2-2/250		2500		2500	3100x820x1680	0.9	1400
EPS-2-4/60	4	1200		1200	1200x1400x1680	1.4	600
EPS-2-4/100		2000		2000	1580x1400x1680	1.4	1000
EPS-2-4/150		3000		3000	2100x1400x1680	1.4	1600
EPS-2-4/200		4000		4000	2600x1400x1680	1.8	1900
EPS-2-4/250		5000		5000	3100x1400x1680	1.8	2200

* - the efficiency of the product separation process by the triboelectric separation method is influenced by the product temperature, humidity and hygroscopicity, air humidity, size and shape of product particles, treatment with reagents, etc.

** - capacity for a specific product is determined during testing.

1. The separator can be provided with a heating system for the working area.
2. The total mass of the separator is shown without additional options.

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