

## Arc Plate Electrostatic Separator



### **Description:**

This machine performs separation under the electric intensity and gravity force based on the difference of minerals in their conductivity and the variation of electrostatic force applied on these minerals when they pass through the electric field. It is suitable to separation of conductive mineral and non-conductive mineral, thus to obtain high-grade conductive concentrates and non-conductive concentrates, e.g. rutile ore and zircon ore. It may be used in combination with single-disc separator, double-disc separator, permanent magnetic separator and electromagnetic separator.

This machine is equipped with 0-45000V high-voltage generator, so that it can also be used for separating the high-phosphorus ore or rutile ore that is difficult to separate.

### **Main Technical Parameters**

Model	BXJ-2A4-30	BXJ-2A5-60
Capacity	1-2T/H	1-2T/H
Feeding size	0.1-3mm	0.1-3mm
Feeding speed	10-15cm/s	10-15cm/s
Arc-Plate size	1600	1600
Power consumption	125W	
Operation voltage	0-60KV	0-60KV
High voltage current	0-10MA	0-10MA
Machine weight	1688KG	2100KG
Overall size	2100*1600*2300mm	2100*1600*2500mm

Application:



electrostatic separator quartz